



July 10, 1987

RECEIVED
JUL 14 1987

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 48410-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ms. Arlene Sollis

Reference: Federal #33-3-J
Section 33, T6S, R21E S.L.M.
Uintah County, Utah
U.S.A. Lease #U-28212

Dear Ms. Sollis:

Enclosed please find the original and two copies of Columbia's Application for Permit to Drill for the Federal #33-3-J well in Uintah County, Utah.

Also enclosed is a copy of the Federal Application, in triplicate. It is my understanding that The State of Utah will review subject application and require copies of all Federal Forms submitted in compliance with drilling, completing and producing the Federal #33-3-J well. Should you require additional information, or documentation, please contact me at 713/787-3400.

Yours truly,

A handwritten signature in cursive script that reads "Lynn Roque".

Lynn Roque
Regulatory Technician

lr
Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

713/787-3400

Columbia Gas Development Corp.

3. ADDRESS OF OPERATOR

P. O. Box 1350, Houston, Texas 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface

2116' FSL & 2068' FEL of Sec. 33, T6S, R21E, S.L.M.&B.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles south from Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

2068' FEL

16. NO. OF ACRES IN LEASE

440 Ac

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 Ac

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1567'

19. PROPOSED DEPTH

7375' MD/TVD

20. ROTARY OR CABLE TOOLS

Rotary 0-7375'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 4931'

22. APPROX. DATE WORK WILL START*

September 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------------------|
| 12-1/4" | 8-5/8" | 24# J-55 | 0-350' | 535 sx; Circulate to surface. |
| 7-7/8" | 5-1/2" | 15.5# K-55 | 0-7375' | 330 sx; ETO cmt @ 6200' MD/TVD |

EXHIBITS ATTACHED

- A. Location Plat
- B. Eight Point Drilling Program
- C. Pressure Control Equipment
- D. Multi Point Surface Use Program

- E. Existing & Proposed Roads
- F. Well Site Layout, Rig Equipment Layout,
Pit & Pad Layout, Cut & Fill Cross-sections
- G. State APD

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7-17-87

BY: *John R. Bay*

WELL SPACING: *127-4*
7/26/85

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Director of Drilling

DATE 7/9/87

(This space for Federal or State office use)

PERMIT NO.

43-047-31804

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Columbia Gas Development Corp. Well No. 33-3-J

Location NW/SE Sec. 33 T.6S., R.21E. Lease No. U-28212

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

2. Pressure Control Equipment

Preventers will be pressure tested before drilling casing cement plugs.

A fill-up line shall be installed on the BOP stalk per API RP 53.

Be advised that a high pressure zone has been encountered in the vicinity wells within the Uinta Formation. This zone may require higher mud weights than anticipated in your proposed mud program.

3. Casing Program and Auxiliary Equipment

The proposed casing and cementing program should provide protection of any known subsurface resources. If, however, wellbore conditions prevent successful completion of the proposed program, please contact the Division of Minerals for possible mitigation requirements.

If the 5 1/2 inch casing is cemented in place, a cement bond log shall be run and copies shall be submitted to this office.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development,

production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on

which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

| | |
|----------------------------|----------------|
| Craig M. Hansen | (801) 247-2318 |
| Assistant District Manager | |
| for Minerals | |

| | |
|--------------------|----------------|
| Gerald E. Kenczka | (801) 781-1190 |
| Petroleum Engineer | |

| | |
|--------------------|----------------|
| R. Allen McKee | (801) 781-1368 |
| Petroleum Engineer | |

Revised October 1, 1985

Date NOS Received June 1, 1987

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Columbia Gas Development Corporation

Well Name & Number 33-3-J

Lease Number U-28212

Location NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 33 T. 6S. R. 21E.

Surface Ownership Public Lands Administered by the BLM

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Methods for Handling Waste Disposal

The reserve pit shall be lined to conserve water. A bentonite or clay liner is preferred.

It shall be constructed so as not to leak, break, or allow discharge.

Produced waste water will be confined to an appropriate pit, to protect the environment (without a chemical analysis) or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

2. Plans for Restoration of Surface

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

3. Other Additional Information

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The operator or his contractor shall contact the BLM office at (801) 789-1362 (BLM) between 24 and 48 hours prior to construction activities. Contact the Book Cliffs Resource Area.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

T 6 S , R 21 E , S . L . B . & M .

COLUMBIA GAS DEVELOPMENT CORP.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q ~ 85 SOUTH ~ 200 EAST
VERNAL, UTAH ~ 84078

| | | | |
|---------|--------------|------------|----------|
| SCALE | 1" = 1000' | DATE | 3/27/85 |
| PARTY | DA GS JF RP | REFERENCES | GLO Plat |
| WEATHER | Fair / Windy | FILE | COLUMBIA |

EXHIBIT B

EIGHT POINT DRILLING PROGRAM

Attachment to Form 3160-3

Company: Columbia Gas Development Corporation
Well Name: Federal #33-3-J
Location: NW/4SE/4, 2116' FSL & 2068' FEL
Section 33, T6S, R21E
County: Uintah
State: Utah
Lease: U-28212

1. Estimated Geological Markers

| <u>Formation Tops</u> | <u>Depth (KB)</u> | <u>Subsea</u> |
|-----------------------|-------------------|---------------|
| Uinta | Surface | +4931' |
| Uinta Pay Sands | 3400' | +1531' |
| Green River | 3900' | +1031' |
| Green River "H" | 6300' | -1369' |
| Green River Pay Sands | 6800' | -1869' |
| Wasatch | 7350' | -2419' |

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals

| <u>Formation</u> | <u>Depth (KB)</u> | <u>Subsea</u> | <u>Remarks</u> |
|-----------------------|-------------------|---------------|----------------|
| Uinta | Surface | +4931' | Water |
| Uinta Pay Sands | 3400' | +1531' | Gas |
| Green River Pay Sands | 6800' | -1869' | Oil |

The 350' of 8 5/8" surface casing will protect any near surface water. Additional water zones encountered will be adequately protected.

3. Operator's Minimum Specifications for Pressure Control Equipment Exhibits C-1 and C-2 are schematic diagrams of the blowout prevention equipment.

One annular bag-type and two ram-type preventers will be utilized. Ram preventers to be tested to 70% of working pressure or 70% of burst rating of surface pipe (whichever is less). Annular preventer to be tested to 50% of working pressure.

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use

until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report.

The BLM Vernal District Office will be notified, with sufficient lead time, to witness pressure testing.

4. Proposed Casing Program (all new)

| <u>Interval</u> | <u>Size</u> | <u>WT</u> | <u>GR</u> | <u>Conn.</u> | <u>Burst/SF</u> | <u>Col./SF</u> |
|------------------------|-------------|-----------|-----------|--------------|-----------------|----------------|
| <u>Conductor Pipe</u> | | | | | | |
| None Required | | | | | | |
| <u>Surface Pipe</u> | | | | | | |
| 0-350' | 8-5/8 | 24 | J-55 | STC | 2950/17.0 | 1370/8.35 |
| <u>Production Pipe</u> | | | | | | |
| 0-7375' | 5-1/2 | 15.5 | K-55 | LTC | 4810/1.77 | 4040/1.17 |

BLM Vernal Office to be notified, with sufficient lead time, to witness the running and cement of all casing strings.

Surface Cement: (Volumes based on 75% excess.)
Casing Size 8-5/8", Hole Size 12-1/4"

Tail: 485 sx Class G + 1/4 pps LCM + 2% CaCl
Top Out: 50 sx Class G + 2% CaCl
Mix tail to well, drop top plug, displace w/19 bbl mud.

Production Cement: (Volumes based on 40% excess.)
Casing Size 5-1/2", Hole Size 7-7/8"

1st Stage:
5900-7375' 195 sx Class H + 10% LCM + retarder
Mix tail to well, drop wiper plug, displace w/174.6 bbl FW.
DROP OPENING BOMB AND CIRC WHILE WOC 4 HR.

2nd Stage:

Lead: 85 sx Lightweight (HOWCO's Hi-Fill typical)
2500-3800'

Tail: 50 sx Class H
3800-4000'
Mix lead to well, mix tail to well, drop shutoff plug,
displace w/95.2 bbl FW.

Testing:

Surface casing to be tested to 1000 psi after drilling float collar and prior to drilling out float shoe. Production csg to be tested to 2000 psi on initial trip with Comp. rig.

Auxiliary Equipment

- A. A kelly cock will be kept in the string at all times.
- B. A stabbing valve will be kept on the derrick floor at all times.
- C. No float will be used.

5. Proposed Mud Program

| <u>Depth</u> | <u>Mud WT</u> | <u>Vis.</u> | <u>PV</u> | <u>YP</u> | <u>WL</u> | <u>Type Mud</u> |
|--------------|---------------|-------------|-----------|-----------|-----------|-----------------|
| 0- 350 | 8.4-8.5 | 28-32 | 1- 4 | 4 | NC | FW & Gel |
| 350-4000 | 8.4-8.6 | 29-32 | 4-10 | 5-10 | NC | FW & Gel |
| 4000-TD | 8.8-9.0 | 29-34 | 8-10 | 10-12 | >10 | 3% KCl |

Characteristics of Mud System (No chromides will be used in well.)

- 0- 350 Spud in with fresh water using gel and lime for hole cleaning. Maintain a low pH (8.5-9.0).
- 350-4000 Use a low pH (8.5-9.0) fresh water gel mud. Circulate through reserve pit. Use High viscosity gel sweeps to clean hole if solids build up.
- 4000-TD Break system over to 3% KCl mud. Use High vis. gel sweeps to clean hole if solids build up. Increase visc. to 45 range prior to TD.

6. Testing, Logging and Coring Programs

- A. Drill Stem Tests - Two DSTs planned in the Uinta Sands. Additional tests may be conducted in significant porosity zones.

- B. Well Logging and Interval.

| <u>Log</u> | <u>Interval</u> |
|---------------------------|-----------------------|
| Dual Induction/GR/SP | TD to surface. ; |
| Neutron-Density/GR/X-Plot | TD to surface casing. |
| Micro Log | TD to surface casing. |

- C. Cores - none planned.
- D. Directional surveys - Totco's will be taken at 500' and at 1000' max. intervals.
- E. Samples - samples will be taken at 30' intervals from 2000' to TD.

F. Stimulation - stimulation if required will be an acid treatment or a frac treatment.

G. There will be a mud logger from 2000' to TD.

H. Completion procedure - to be submitted on Form 3160-5 under for "Approval of Subsequent Operations".

7. Anticipated Abnormal Pressures, Temperatures or Potential Hazards

A. No abnormal pressures or temperatures are expected in this well.

B. Hydrogen Sulfide is not anticipated and is not considered a potential hazard in this area.

8. Other Information

A. The reserve pit will be fenced on three sides during drilling operations and fenced on the fourth side after rig is moved off location.

B. Fresh water for drilling will be obtained off location from the Green River, at a point as per State permit, pumped into a tank truck and trucked to location by Target Tucking, 2960 North 500 East, Vernal, Utah. Permit to be secured from State Engineer.

C. A Class I Archaeological clearance was granted for subject well and access as Project AEC-85-1A in April of 1985. Clearance performed by Archaeological Environmental Research Corporation and granted by the BLM Vernal District Office. There were no different or additional disturbed areas for the drilling of subject well under Columbia's Application, therefore the Class I clearance was deemed valid and in effect.

D. \$150,000 Nationwide Bond (BLM #CO-0356) on file with the Bureau of Land Management.

E. There are no dwellings within a five mile radius of the proposed location.

F. Closest town is Vernal, Utah, located 14 miles north of location.

G. Anticipated starting date is September 1987.

H. Federal #33-3-J will be drilled on Federal surface and minerals, Lease #U-28212.

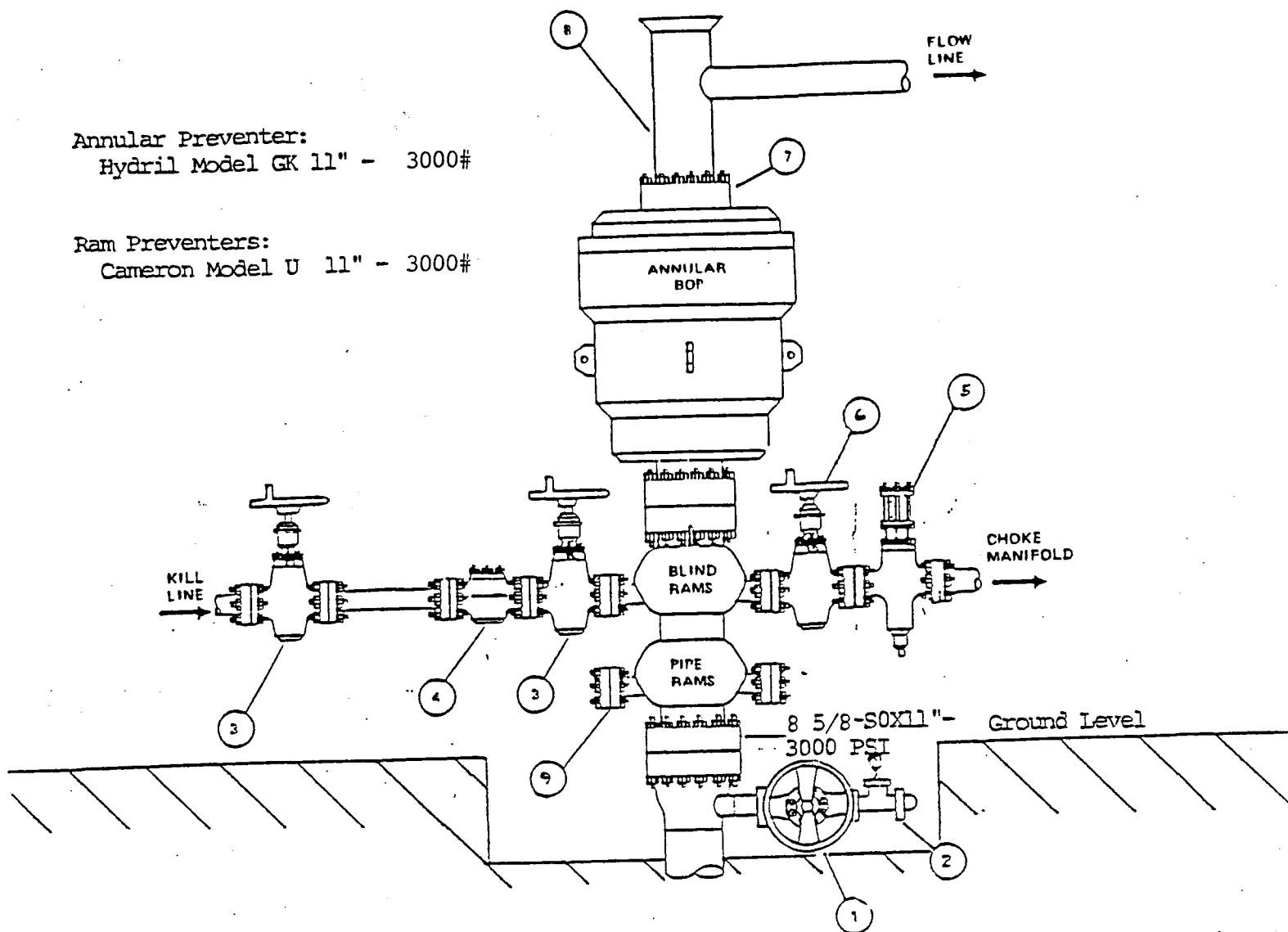
EXHIBIT C₁

BLOWOUT PREVENTER

(TYPICAL)

Annular Preventer:
Hydril Model GK 11" - 3000#

Ram Preventers:
Cameron Model U 11" - 3000#

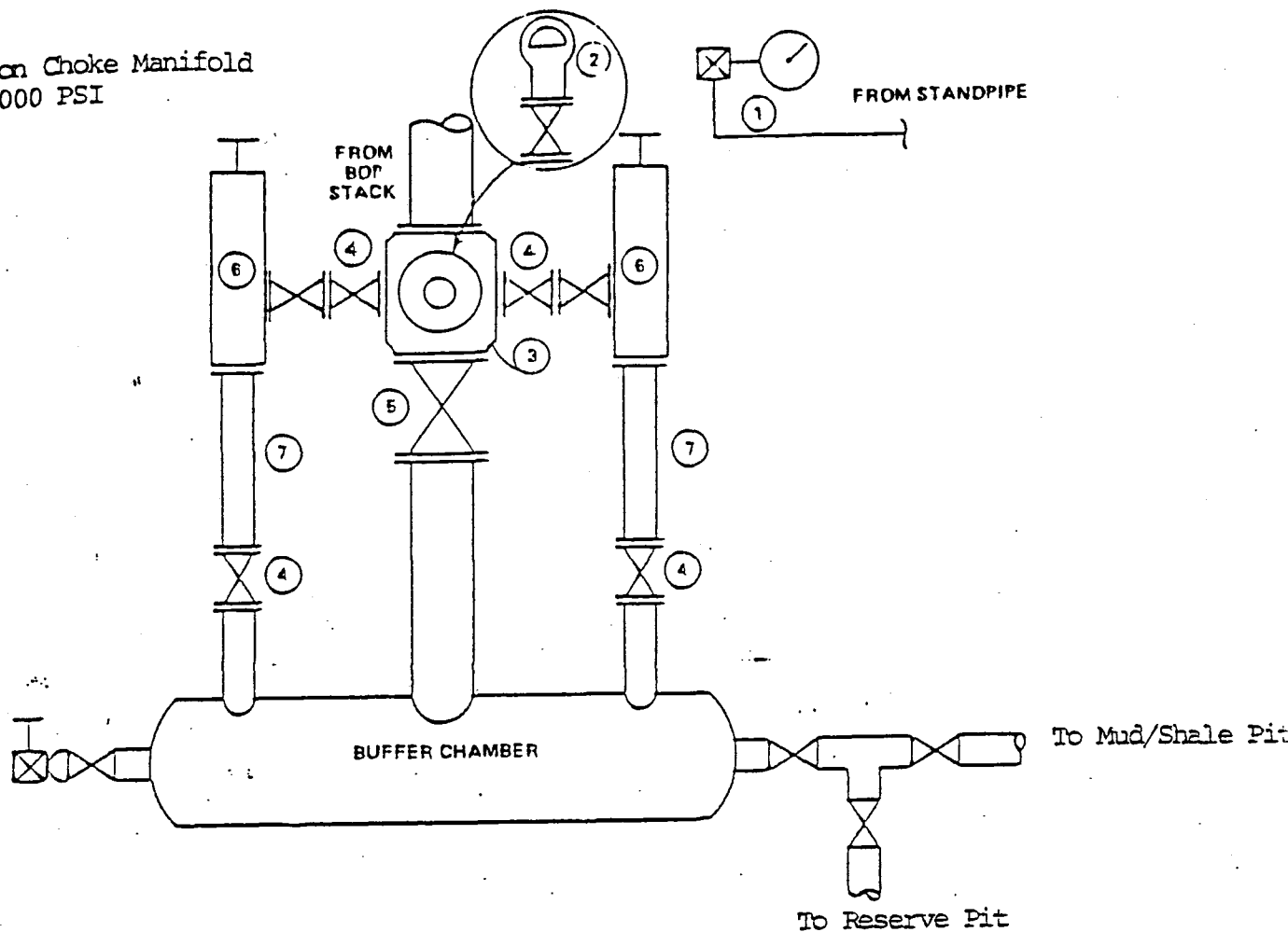


1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 2" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged flapper type check valve — 2" minimum nominal dia. — same working pressure as BOP stack.
5. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
6. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
7. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.
8. The I.D. of the bell nipple must not be less than the minimum I.D. of the BOP stack.
9. BOP outlets must be 2" minimum nominal dia. for kill line and 3" minimum dia. for

BLOWOUT PREVENTER EQUIPMENT

(TYPICAL)

Cameron Choke Manifold
3" = 5000 PSI



1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphragm type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
5. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as choke.
6. Flanged manually-adjustable choke equipped with tungsten carbide stems and seats and maximum size orifice opening.
7. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.

EXHIBIT D

MULTI POINT SURFACE USE PROGRAM

Attachment to Form 3160-3

Company: Columbia Gas Development Corporation
Well Name: Federal #33-3-J
Location: NW/4SE/4, 2116' FSL & 2068' FEL
Section 33, T6S, R21E
County: Uintah
State: Utah
Lease: U-28212

1. Existing Roads - Refer to EXHIBIT E-1

- A. Existing roads and location in relation to Vernal, Utah submitted on EXHIBIT E-1.
- B. To reach location proceed south from Vernal, Utah on State Highway 45 for 17 miles, turn west (right) on graded road for 9.7 miles to location. Location on north (right) side of graded BLM road.
- C. Description of roads in area - Bonanza Highway (State 45) bituminous surfaced, BLM road flat bladed.

2. Proposed Access and Location - Refer to EXHIBITS E-1 & E-2

- A. Proposed road to be from south boundary of location, between Points 7 & 8, EXHIBIT F. Access and location under jurisdiction of BLM, Vernal District Office, Lease #U-28212.
- B. Notification will be given to the BLM Vernal District Office, with sufficient lead time, prior to the construction of drill pad location.
- C. Surfacing - access flat bladed and location constructed from native materials found on drill site.
- D. Width - 30' disturbed area, 18' running surface.
- E. Maximum grades - not to exceed 8%.
- F. Drainage - no culverts or drainage ditches to be installed.
- G. Columbia Gas Development Corp. to provide dirt contractor with required maps, pad and road construction plans.

3. Location of Existing Wells within a One Mile Radius

- A. Water wells - none known.
- B. Abandoned wells - Luff GCI Federal #2, TXO Stirrup Federal #1.
- C. Disposal wells - none known.
- D. Drilling wells - CGDC Federal #33-8-N.
- E. Producing wells - Chevron Horseshoe Bend #2, Chevron Horseshoe Bend #1, Alta #33-4-D, Alta #33-2-B, Alta Federal #33-1-I, Alta Federal #34-2-K, Alta Federal #28-1-P, Alta #4-1-D, Alta #34-E, Snyder West Walker F #1-33, Lockridge HB Federal #34-33, Lockridge HB #32-33, TXO Bridle Federal #1-34, Diamond Shamrock Horseshoe Bend #2, Diamond Shamrock Horseshoe Bend #4, American Petroleum Apricot State #32-29, Luff GCI Federal #33-1.
- F. Shut-in wells - Chevron Horseshoe Bend Federal #1, Chevron Horseshoe Bend #5, Chevron Horseshoe Bend #3.

4. Location of Existing and Proposed Production Facilities and Lines.

- A. If well is productive, new on-well pad and off-well pad facilities and lines will be submitted "as built" on Form 3160-5 under the following guidelines:
 - 1. Tank battery to be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the largest tank.
 - 2. All loading line valves inside berm; end of load line w/drip bbl may be located outside of berm.
 - 3. Gas meter run to be located within 500' of the wellhead; meter runs will be housed or fenced.
 - 4. Gas flowline will be buried from the wellhead to the meter.
 - 5. All facilities will be painted an earthtone color within 6 months of installation.
 - 6. Tank battery to be located in cut portion of production pad.
 - 7. Site security guidelines to be submitted to BLM Vernal District Office upon completion of production facilities.

- B. Notification will be given to the Vernal District Office, with sufficient lead time, prior to construction of production facilities.
- C. There are no existing production facilities on well site.

5. Location and Type of Water Supply

Fresh water for drilling will be appropriated from the Green River, as per State permit, and trucked to location by Target Trucking. State Engineer's permit to be secured by Columbia Gas.

6. Source of Construction Materials

Construction of proposed access and location to consist of native on-site fill material.

7. Methods of Handling Waste Material Disposal

- A. Cuttings to be deposited in reserve pit.
- B. Drill fluids - drilling fluids to be contained in reserve pit. Accumulation of oil on reserve pit will be kept to a minimum. Upon restoration pit will be de-watered and closed as soon as practical (not to exceed one year from completion of well.)
- C. Produced water - while testing well all produced water will be contained in a metal storage tank. If well is a producer either a saltwater storage tank will be set or pit for produced water dug, refer to NTL2B.
- D. Sewage - a waste water disposal system will be utilized. Holding tank contents to be hauled from location by licensed sanitation hauler.
- E. Trash pit - trash will be contained in a portable trash basket will be hauled to state approved disposal site after completion of well.
- F. Waste, salts and other chemicals produced into metal tank during completion will be hauled from location to an approved disposal site.

8. Ancillary Facilities

No camp, airstrip or other facility will be built during the drilling of this well.

9. Well Site Layout - Refer to EXHIBIT F.

- A. Surveyor's location plat submitted as EXHIBIT A.

- B. EXHIBIT F for well pay layout, typical rig and equipment, reserve pit, topsoil stockpile, waste water disposal system and storage tank, and cross-section diagrams showing cuts and fills in relation to existing topography.
- C. Reserve pit to be lined if required, as determined from post-construction inspection.
- D. Reserve pit to be fenced on three sides during drilling with a wire fence and topped with at least one strand of barbed wire, and fenced on fourth side when drilling rig is moved off location.

10. Plans for Reclamation of Surface

- A. If well site is constructed and not drilled, the site and access road will be reclaimed or erosion measures implemented within 90 days of site construction, unless otherwise approved by the BLM Vernal District Office.
- B. If well is a dry hole and is abandoned, a dry hole maker will be placed on casing.
- C. If well is a producer, backfilling, leveling and contouring are planned as soon all pits have been de-watered and dried.
- D. Reclamation to be accomplished with stockpiled soil and fill material being replaced on road and location so as to conform to the topography and as closely as possible restore to original conditions.
- E. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface. Seed will be broadcast or drilled. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
- F. Reseeding to be performed after September 1st on the first year after initial production; seed mixture to be submitted to BLM for approval.

11. Surface Ownership

Surface owned by the United States of America, under jurisdiction of the BLM Vernal District Office; lease #U-28212.

12. Other Information

- A. A. Class I Archaeological clearance was granted as Project AEC-85-1A and is on file in BLM Vernal District Office. There were no different or additional

disturbed areas for the drilling of subject well under Columbia's Application, therefore the Class I clearance was deemed valid and in effect.

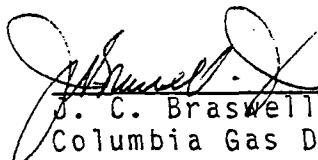
- B. If any cultural values are observed during construction and operations, they will be left intact and the Area Manager, Bureau of Land Management, Vernal District Office will be notified. Columbia Gas to comply with requirements set forth by the BLM's Surface Use Stipulations.
- C. \$150,000 Nationwide Bond (BLM #CO-0356) on file with the Bureau of Land Management.
- D. State of Utah Permit to Drill submitted as EXHIBIT G.
- E. Anticipated starting date September 1987.

13. Lessee's or Operator's Representative and Certification

Columbia Gas Development Corporation
P. O. Box 1350
Houston, Texas 77251-1350

CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Columbia Gas Development Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it was approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.


J. C. Braswell, Jr., Director of Drilling
Columbia Gas Development Corporation
Telephone Number 713/787-3400

Date

2/8/87

COLUMBIA GAS DEVELOPMENT CORP.

FED. 33-3-J

| PROPOSED | LOCATION |
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| 100 | 100 |

TOPO:

MAP "A"

SCALE 1" = 4 MI.

ITMILES

PROPOSED LOCATION

9.7 Mi

EXHIBIT E-1

Underground
Little Gonzales

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on
reverse side)

5. Lease Designation and Serial No.

U-28212

6. If Indian, Allottee or Tribe Name

NA

7. Unit Agreement Name

NA

8. Farm or Lease Name

Federal

9. Well No.

#33-3-J

10. Field and Pool, or Wildcat

Undesignated

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 33, T6S, R21E S.L.M.

12. County or Parrish 13. State

Uintah Utah

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

Oil Well ☒

Gas Well ☐

Other

Single Zone ☐

Multiple Zone ☐

2. Name of Operator

Columbia Gas Development Corporation

3. Address of Operator

P. O. Box 1350, Houston, Texas 77251-1350

Phone: 713/787-3400

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface

2116' FSL & 2068' FEL, Sec. 33, T6S, R21E, S.L.B. & M.

At proposed prod. zone

same

14. Distance in miles and direction from nearest town or post office*

14 miles South from Vernal, Utah

15. Distance from proposed* 1000' FS, SW Lease Line
location to nearest property or lease line, ft.
(Also to nearest drlg. line, if any) 524' FN Drlg Line

16. No. of acres in lease

440 Ac

17. No. of acres assigned to this well

80 Ac

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

1380'

19. Proposed depth

7600' MD/TVD

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GR 4931'

22. Approx. date work will start*

September 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------------------|
| 12-1/4" | 8-5/8" | 24# J-55 | 0-350' | 535 sx; Circulate to surface. |
| 7-7/8" | 5-12/8" | 15.5# K-55 | 0-7375' | 330 sx; ETO cmt @ 6200' MD/TVD |

Spacing in accordance with Cause 127-4, dated July 26, 1985, State of Utah Division of Oil, Gas and Mining. Field: Undesignated

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signature

Director of Drilling

Date 7/9/87

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

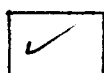
Conditions of approval, if any:

*See Instructions On Reverse Side

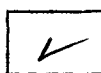
072002

OPERATOR Columbia Gas Development DATE 7-16-87WELL NAME Federal 33-3-JSEC NWSE 33 T 6S R 2/E COUNTY Wintab43-047-31804
API NUMBERFed
TYPE OF LEASE

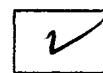
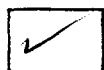
CHECK OFF:



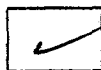
PLAT



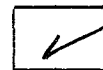
BOND

NEAREST
WELL

LEASE



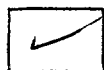
FIELD

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other well within 1/4 NW/SE (Acres 127-4)
Need water permit

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT☐ 302127-4 7/26/85
CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 17, 1987

Columbia Gas Development Corporation
P. O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Federal 33-3-J - NW SE Sec. 33, T. 6S, R. 21E - Uintah County
2116' FSL, 2068' FEL

Approval to drill the referenced well is hereby granted in accordance with Order of Cause No. 127-4 dated July 26, 1985, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. All well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of the time that a new well is spudded or a change in operations or interests necessitates a change in Entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Columbia Gas Development Corporation
Federal 33-3-J
July 17, 1987

5. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31804.

Sincerely,



R. J. Rirth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Columbia Gas Development Corp.

713/787-3400

3. ADDRESS OF OPERATOR

P. O. Box 1350, Houston, Texas 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2116' FSL & 2068' FEL of Sec. 33, T6S, R21E, S.L.M. & B.

At proposed prod. zone

Same

NW/SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles south from Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 2068' FEL

16. NO. OF ACRES IN LEASE

440 Ac

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 Ac

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1567'

19. PROPOSED DEPTH

7375' MD/TVD

20. ROTARY OR CABLE TOOLS

Rotary 0-7375'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 4931'

22. APPROX. DATE WORK WILL START*

September 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------------------|
| 12-1/4" | 8-5/8" | 24# J-55 | 0-350' | 535 sx; Circulate to surface. |
| 7-7/8" | 5-1/2" | 15.5# K-55 | 0-7375' | 330 sx; ETO cmt @ 6200' MD/TVD |

EXHIBITS ATTACHED

- A. Location Plat
- B. Eight Point Drilling Program
- C. Pressure Control Equipment
- D. Multi Point Surface Use Program
- E. Existing & Proposed Roads
- F. Well Site Layout, Rig Equipment Layout,
Pit & Pad Layout, Cut & Fill Cross-sections
- G. State APD

RECEIVED

AUG 3 1987

DIVISION OF OIL
GAS & MINING

JUL 1987

BHP 3330 PSI

JUL 13 1987

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Director of Drilling

DATE 7/9/87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

091410

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31804

NAME OF COMPANY: COLUMBIA OIL & GAS

WELL NAME: FEDERAL 33-3-J

SECTION NW SE 33 TOWNSHIP 6S RANGE 21E COUNTY Uintah

DRILLING CONTRACTOR LEON ROSS

RIG #

SPUDDED: DATE 9-3-87

TIME 8:00 AM

How Air

DRILLING WILL COMMENCE 9-8-87 at 4:00 PM/Grace-Bomac, Rig 181

REPORTED BY Lynn Roque

TELEPHONE # 713-878-3482

DATE 9-10-87 SIGNED AS

U-28212

Lease No. _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-7
(November 1983)
(Formerly 9-329-1)

Communitization Agreement No. NAField Name Horseshoe BendUnit Name NAParticipating Area NACounty Uintah State Utah

Operator _____

MONTHLY REPORT
OF
OPERATIONS
(Continued)

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 87

(See Reverse of Form 3160-6 for Instructions)

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|--|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---------|
| 33-3-J | 33,NWSE | 6S | 21E | POW | | | | | |
| <p>REMARKS: MI RU completion rig. ND xmas tree and NU BOPs. MU 2-7/8" tbg work string; tag cmt above DV @ 3925'; drill thru DV, circ hole and test csg to 2000# psi-ok (test before and after drill of DV collar). Tag cmt @ 7006'; drill from 7006-7218' (tbg strap meas.); cond hole and test csg to 2000# psi-ok. Logged from PBTD 7204', CBL meas., to surface. RU 4" csg gun w/120 deg phasing; correlate; perf 7010-7012' (2 holes), 6994-6998 (2 holes), 6988-6992 (2 holes), 6974-6977 (2 holes), 6966-6970 (2 holes), 6924-6928 (4 holes). PU 2nd gun, correlate to OH DEN/CBL; perf 6930-6942 (7 holes), 6887-6890 (3 holes), 6874-6876 (2 holes).</p> <p>MU RBP & RTTS pkr, set BP @ 7040', set pkr @ 6958'; BD perfs 6966-7012 w/1700 gal 3% KCl. Re-set BP @ 6958, pkr @ 6910'; BD perfs 6924-6942' w/1600 gal KCL. Re-set BP @ 6910', pkr @ 6857'; BD w/900 gal 3% KCl. Re-set BP @ 7050', pkr @ 6800'; test annulus to 2000# psi-ok. Spot 7.5% KCl + ball sealers; BD all perfs. POH w/BP. RU to frac; test lines and hold safety meeting. Frac well; max psi 3909, max rate 60 BPM, ISIP 2100 -5 min 1514. Flow well back. Open well; RIH w/50 stds tbg; RU flow line to test tank. MU 3-1/2" OD x 60' Poor Boy Gas Anchor, 2-3/8" SN. Trico 5-1/2" TA, and 215 jts 2-3/8" tbg. ND BOPs, set TA @20,000# tension, NU pumping equip. MU Trico 2" x 1-1/2" x 20' RWBC pump, 177 3/4" + 91 7/8" "D" rods; seat pump and stroke w/rig test to 600 psi-ok. Hang off rods. Rel Rig on 10-4-87.</p> | | | | | | | | | |

Page 2 of 2

RECEIVED
OCT 09 1987

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-6
(November 1983)
(Formerly 9-329)

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-28212
Communitization Agreement No. NA
Field Name Horseshoe Bend
Unit Name NA 43-047-31804
Participating Area NA
County Uintah State Utah
Operator Columbia Gas Development Corp.

☐ Amended Report

101314

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 87

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|---|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---------|
| 33-3-J | 33,NWSE | 6S | 21E | POW | | | | | |
| REMARKS: Spud Date: <u>9-3-87</u> Completion Date: <u>10-2-87</u> KB: 4946' | | | | | | | | | |
| TD: 7300 MD/TVD PBTD: 7299' MD Date 1st Production: | | | | | | | | | |
| Set 8-5/8" 24#/ft csg @ 390' w/230 sx Standard, displaced, returns to surface. WOC. Tested annular/rams-ok. Test csg to 1000# psi-- unable to hole pressure due to leak in 4" valve on pump; repair valve. Function test accum--did not pass test. SD operations 9-9-87 until Grace Bomac makes repairs. Retest accum. on 9-10-87, BLM witness test-ok. Drill and survey to 3613'; cond hole for DST; had high trip for gas. Hole cond w/9.5 ppg mud; mud light spots gave up gas as they came to surface and eventually mud was raised to 10.0 ppg. Drill and survey to 5798', losing 65-70 BPH to hole. Function test BOPs-ok. Drill, survey, test BOPs to 6842; started adding starch to system; loses stopped. Drilled to TD 7300' circ hole for log. Set 5-1/2" prod. csg @ 7299'. 2-Stage Cemented as follows: Stg 1: FS @ 7299', w/400 sx Thixtropic and Stg 2: DV @ 3998', w/300 sx Hi-Fill + 150 sx Cl "H"; displaced, plug in place. Landed csg; raise BOP and cut 5-1/2" csg. Lowered BOP stack; rel rig on 9-21-87; installed head. | | | | | | | | | |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLS) | Gas (MCF) | Water (BBLS) |
|--------------------------|-------------------------|--------------------|--------------------|
| *On hand, Start of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Produced | | | |
| *Sold | | | XXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXX | | XXXXXXXXXXXXXXXXXX |
| *Used on Lease | | | XXXXXXXXXXXXXXXXXX |
| *Injected | | | |
| *Surface Pits | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX | |
| *Other (Identify) | | | |
| *On hand, End of Month | | XXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | | | XXXXXXXXXXXXXXXXXX |

Authorized Signature: Loren Rogers Address: P.O. Box 1350, Houston, TX 77251-1350
Title: Regulatory Technician Page 1 of 2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|--|--|--|
| 1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NO. U-28212 |
| 2. NAME OF OPERATOR Columbia Gas Development Corporation | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA |
| 3. ADDRESS OF OPERATOR P.O. Box 1350, Houston, Texas 77251-1350 | | 7. UNIT AGREEMENT NAME NA <u>POW-GRRU</u> |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E, SIM & B | | 8. FARM OR LEASE NAME Federal |
| 14. PERMIT NO. 43-047-31804 | | 9. WELL NO. #33-3-J |
| 15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4931' GR 4946' KB | | 10. FIELD AND POOL, OR WILDCAT Horseshoe Bend |
| 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data | | 11. SEC., T., R., M., OR BLK. AND SUBST OR ABBA Sec. 33-6S-21E, SIM |
| NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> | | SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (Other) <input checked="" type="checkbox"/> Permit for emergency pit |
| 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) | | 12. COUNTY OR PARISH Uintah |
| 13. STATE Utah | | 18. STATE Utah |

Maintain a fenced emergency pit under NTL-2B which is 61'x37'x8' and located 106' from the well. The pressure relief valve on top of the heater treater is piped to this pit. This pit will only be used if the flowline between the heater treater and the tanks becomes plugged. If this happens the pressure relief valve will open and the fluids will safely flow to this pit. This pit will not be used for water disposal since there is a water tank. Water is to be disposed of by trucking it out to one of the listed disposal pits. (SEE ATTACHED)

Estimated Evaporation Rate: 34" from March 1 - October 31; 0" from October 31 - March 1.
 (Information from the USDA Soil Conservation Service)

Estimated Percolation Rate: Adjacent to Pit: Sandy clay loam with 55% sand, 20% silt, and 25% clay which corresponds to a 1" per hour soil permeability.
 Bottom of Pit: Clay loam with 23% sand, 42% silt, and 35% clay which corresponds to a .15" per hour soil permeability.

(The sand, silt, clay analysis performed by Richard Foster of the USDA Soil Conservation Service in Vernal, Utah. The permeability correlation is from the "Soil Permeability Class Related To Texture" published by the U.S. Department of Agriculture, Bureau of Plant Industry, Soils, and Agricultural Engineering.)

Depth and Areal Extent of All Usable Water: The depth of usable water aquifers in the Horseshoe Bend Field is between 2000' and 3000' and extends across the entire field area. This data is from Gilbert Hund of Utah's Division of Oil, Gas and Mining.

Water Analysis: Being analyzed - will be sent in under separate cover.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Ditter

TITLE Staff Production Engineer

DATE 1-11-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FEDERAL #33-3-J

cont.---

Water is to be disposed of by trucking it out to one of the following disposal pits:

| <u>OPERATOR</u> | <u>LOCATION</u> | <u>AREA</u> | <u>COUNTY</u> |
|-------------------|-----------------------|-------------|---------------|
| Grant Bleazard | S30; T2S; R4W; USM | Blue Bench | Duchesne |
| Max Chapoose | S27; T1N; R2W; USM | Neola | Duchesne |
| Grant Hansen | S7; T3S; R3W; USM | Arcadia | Duchesne |
| Hansen - Mitchell | S8; T3S; R4W; USM | Arcadia | Duchesne |
| Dave Murray | S12; T5S; R19E; SLB&M | Lapoint | Uintah |
| Coastal Oil & Gas | S3; T10S; R21E; SLB&M | White River | Uintah |
| Dorrant Freston | S32; T1S; R1W; USM | Roosevelt | Duchesne |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | |
|--|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. U-28212 |
| 2. NAME OF OPERATOR Columbia Gas Development Corp. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA |
| 3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350 | | 7. UNIT AGREEMENT NAME NA |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SE, 2116'FSL & 2068'FEL, Sec. 33, T6S, R21E, SIM & B | | 8. FARM OR LEASE NAME Federal |
| 14. PERMIT NO. 43-047-31804 | | 9. WELL NO. #33-3-J |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4931'GR 4946'KB | | 10. FIELD AND POOL, OR WILDCAT Horseshoe Bend |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.33, T6S, R21E, SIM |
| | | 12. COUNTY OR PARISH Uintah |
| | | 13. STATE Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANE <input type="checkbox"/> | (Other) <u>Date of 1st Production</u> <input checked="" type="checkbox"/> | |
| (Other) <input type="checkbox"/> | | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date of 1st Production: 12-12-87

RECEIVED
JAN 22 1988

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

| | | |
|--|-------------------------------|---------------------|
| SIGNED <u>Victoria Hendry</u> | TITLE <u>Production Clerk</u> | DATE <u>1-18-88</u> |
| (This space for Federal or State office use) | | |
| APPROVED BY _____ | TITLE _____ | DATE _____ |
| CONDITIONS OF APPROVAL, IF ANY: | | |

*See Instructions on Reverse Side



January 18, 1988

RECEIVED
JAN 22 1988

State of Utah
Department of Natural Resources
Division of Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Reference: Federal #33-3-J
Section 33, T6S, R21E
Uintah County, Utah
Well Completion Report
API #43-047-31804

Gentlemen/Mesdames:

Enclosed please find three copies of Columbia Gas Development Corporation's Completion Report and Sundry Notice for First Date of Production for the Federal #33-3-J well in Uintah County, Utah. Also enclosed are copies of the basic electric logs.

Should you require additional information, please contact myself of Bill Ditter, Staff Production Engineer at (713) 787-3400.

Sincerely,

Victoria Guidry

Victoria Guidry
Production Clerk

vjg

Enclosures as above

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| | | | | | |
|---|------------------------------------|---|---|---|---|
| 1a. TYPE OF WELL: | | OIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/> | DRY <input type="checkbox"/> | Other _____ |
| b. TYPE OF COMPLETION: | | | | | |
| NEW WELL <input checked="" type="checkbox"/> | WORK OVER <input type="checkbox"/> | DEEP-EN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. ENV. <input type="checkbox"/> | Other _____ |
| 2. NAME OF OPERATOR Columbia Gas Development Corp. | | | | | |
| 3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, Texas 77251-1350 | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW SE, 2116'FSL & 2068'FEL, Sec. 33, T6S, R21E, SIM & B At top prod. interval reported below same At total depth same | | | | | |
| 14. PERMIT NO. 43-047-31804 | | | DATE ISSUED 7-28-87 | | |
| 15. DATE SPUDDED 9-3-87 | | 16. DATE T.D. REACHED 9-18-87 | | 17. DATE COMPL. (Ready to prod.) 10-2-87 | |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4931'GR 4946'KB | | 19. ELEV. CASINGHEAD - | | | |
| 20. TOTAL DEPTH, MD & TVD 7300' MD/TVD | | 21. PLUG BACK T.D., MD & TVD 7204' PBTD | | 22. IF MULTIPLE COMPL., HOW MANY* - | |
| 23. INTERVALS REPORTED 0-7300' | | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6874-7012' Green River Formation | | | |
| 25. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL, LSS, CON/NEU/DEN, CBL | | 26. DIVISION OF MUD LOG 1-22-88 | | 27. WAS WELL CORED No | |
| 28. CASING RECORD (Report all strings set in well) | | | | | |
| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 8 5/8" | 24#/ft | 390' | 12-1/4" | 230 sx Std | NA |
| 5-1/2" | 15.5#/ft | 7299' | 7-7/8" | Stg 1:FS @ 7299' 400 sx Thixotropic; Stg 2: DV @ 3998' 300 sx Hi-Fill 150 sx Cl H | NA |
| 29. LINER RECORD | | | 30. TUBING RECORD | | |
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE |
| | | | | | 2-3/8" |
| | | | | | 6818' |
| | | | | | (MUD ANCHOR) |
| 31. PERFORATION RECORD (Interval, size and number) | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | |
| 4" csg gun: 7010-7012 (2 holes), 6994-6998 (2 holes) 6988-6992 (2 holes), 6974-6977 (2 holes), 6966-6970 (2 holes), 6924-6928 (4 holes), 6930-6942 (7 holes), 6887-6890 (3 holes), 6881-6885 (4 holes), 6874-6876 (2 holes) Total 30 holes | | | DEPTH INTERVAL (MD) 6874-7012' AMOUNT AND KIND OF MATERIAL USED 248,766 gal fluid w/325,000# 20/40 sd | | |
| 33. PRODUCTION | | | | | |
| DATE FIRST PRODUCTION 12-12-87 | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2" x 1-1/2" rod pump | | | WELL STATUS (Producing or shut-in) Producing |
| DATE OF TEST 12-22-87 | HOURS TESTED 24 | CHOKE SIZE open | PROD'N. FOR TEST PERIOD → | OIL—BEL. 240 | GAS—MCF. 50* |
| WATER—BEL. 190 | GAS-OIL RATIO 208 | | | | |
| FLOW. TUBING PRESS. NA | CASING PRESSURE NA | CALCULATED 24-HOUR RATE → | OIL—BEL. 240 | GAS—MCF. 50* | WATER—BEL. 190 |
| OIL GRAVITY-API (CORR.) 35.8 | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel and Vented | | | | | TEST WITNESSED BY Jay Haslem |
| 35. LIST OF ATTACHMENTS FDC/CNL DLL/Micro SFL LS Sonic Mud Log | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | |
| SIGNED <u>W. J. D. [Signature]</u> | | TITLE <u>Staff Production Engineer</u> | | DATE <u>1-18-88</u> | |

*Estimated

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|-----------------------------|-----------------|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Uinta "B" | 3350' | 3350' |
| | | | | Green River "H" | 6258' | 6258' |
| | | | | Green River "J" | 6693' | 6693' |
| | | | | Wasatch | 7228' | 7228' |



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

020813

February 1, 1988

Columbia Gas Development Corporation
5847 San Felipe
P.O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Request for Approval of Emergency Pits

This letter responds to your request for approval of emergency pits for the following wells in Uintah County, Utah:

Alta #5-1-B
Sec. 5, T. 7S, R. 21E
Private lease

Cowden #31-3
Sec. 31, T. 6S, R. 21E
Federal lease no. U-31736

Federal #33-6-F
Sec. 33, T. 6S, R. 21E
Federal lease no. U-2812

Federal #33-3-J
Sec. 33, T. 6S, R. 21E
Federal lease no. U-28212

Federal #33-8-N
Sec. 33, T. 6S, R. 21E
Federal lease no. U-37116

43-047-31804
POW-GRU

The Division of Oil, Gas and Mining hereby grants approval of the emergency pit for the Alta #5-1-B well according to the description of the proposed pit given in your sundry notice dated January 11, 1988, and the conditions of approval stated in this letter. For the other wells which are located on federal leases, you must first seek approval of such emergency pits from the U.S. Bureau of Land Management. The Division will accept BLM approval and any conditions of approval stipulated by the BLM.

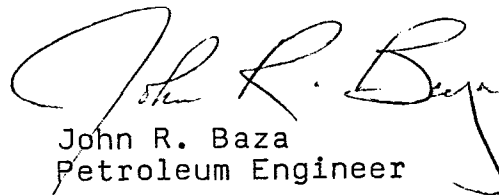
Page 2
Columbia Gas Development Corporation
February 1, 1988

The conditions of approval for the emergency pit for the Alta #5-1-B well are as follows:

1. The pit will only be used to store produced fluid from the well in the case of an emergency or upset condition of the well production facilities.
2. The operator will not allow the amount of produced fluid entering the pit to exceed the capacity of the pit at any time.
3. The pit will not be used for storage of produced water.
4. The pit may be used as a gas flare pit as long as liquid hydrocarbons are not present in the pit in flammable quantities.
5. The operator will line the emergency pit prior to use with at least two pounds per square foot of dry commercial bentonite or other suitable clay material approved by the Division.
6. All fluid in the pit will be removed and properly processed or disposed within 72 hours after commencement of production to the pit.

If you have any questions concerning this matter, please contact me at this office.

Sincerely,



John R. Baza
Petroleum Engineer

cc: BLM-Vernal
D. R. Nielson
R. J. Firth
Well files
0384T-81-82

COLUMBIA GAS
Development



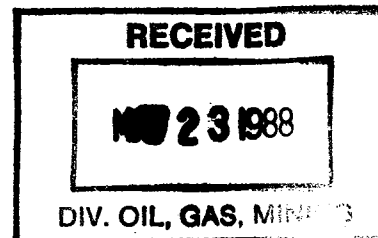
Well File

May 19, 1988

Bureau of Land Management
Division of Minerals
170 South 500 East
Vernal, Utah 84078

Attention: Mr. Craig M. Hansen

Reference: Federal #33-3-J, Federal #33-6-F
Lease No. U-28212
Section 33, T6S, R21E
Uintah County, Utah



*This letter was
placed in wrong
mailbox by receptionist.
Discovered 6-3-88
DTS*

Dear Mr. Hansen:

Columbia Gas Development Corporation has received your letters dated May 9, 1988, regarding the venting/flaring of the Federal #33-3-J and the Federal #33-6-F in Uintah County, Utah. Each of these wells was vented/flared during the following time intervals:

| | <u>Federal #33-3-J</u> | <u>Federal #33-6-F</u> |
|----------------|---|--------------------------|
| December, 1987 | 12/10 - 12/13 12/16 - 12/26 12/29 - 12/31 | 12/10 - 12/25 |
| January, 1988 | 1/1 - 1/5 1/22 - 1/30 | 1/21 - 1/28 |
| February, 1988 | -0- | 2/3 - 2/6 2/16 - 2/19 |

These intervals represent 32 days each of venting/flaring. They are in excess by two days each due to inaccessible locations caused by weather conditions. It is Columbia's belief that the BLM's monitoring of these wells may not have taken into consideration the time intervals, and instead showed continuous venting/flaring from December, 1987 forward.

Both the Federal #33-3-J and the Federal #33-6-F, as well as the Federal #33-8-N, have been connected to gathering systems as reflected on the enclosed Sundry Notices.

Should you have any questions in this regard, please contact myself or Bill Ditter at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi

Trisha M. DiClementi
Regulatory Technician

Columbia Gas Development Corporation, 5847 San Felipe, P.O. Box 1350, Houston, Texas 77251-1350

cc: State of Utah
Natural Resources
Oil, Gas & Mining Division
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | | | | | |
|--|--|--|--|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350 | | 7. UNIT AGREEMENT NAME NA | |
| 2. NAME OF OPERATOR Columbia Gas Development Corporation | | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E, S1M & B | | 8. FARM OR LEASE NAME Federal | |
| 14. PERMIT NO. 43-047-31804 | | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4931' GR 4946' KB | | 9. WELL NO. 33-3-J | |
| | | | | 10. FIELD AND POOL, OR WILDCAT Horseshoe Bend | |
| | | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33-6S-21E, S1M | |
| | | | | 12. COUNTY OR PARISH Uintah | |
| | | | | 13. STATE Utah | |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

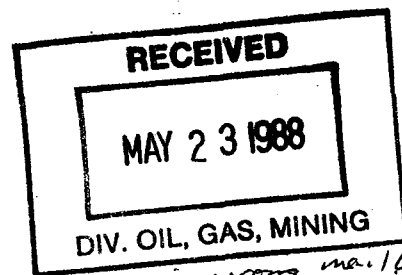
Connect to Gathering System ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Well Was Connected to Gathering System For First Sales On 3/4/88.

Gathering System owned by Phoenix Natural Gas Corporation
P. O. Box 2802
Midland, TX 79702



Placed in wrong mail box
by receptionist. Discovered
6-3-88
DTS

18. I hereby certify that the foregoing is true and correct
SIGNED Frank M. Williams TITLE Regulatory Technician DATE May 19, 1988
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

| | | | |
|--|--|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. U-28212 | |
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| 3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350 | | 7. UNIT AGREEMENT NAME NA | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E, SIM & B | | 8. FARM OR LEASE NAME Federal | |
| 14. PERMIT NO. 43-047-31804 | | 9. WELL NO. #33-3-J | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4931' GR 4946' KB | | 10. FIELD AND POOL, OR WILDCAT Horseshoe Bend | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33-6S-21E, SLM | |
| | | 12. COUNTY OR PARISH Uintah | |
| | | 13. STATE Utah | |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Meter Sales Off Lease

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Columbia Gas Development Corporation requests permission to meter sales off lease for the Federal #33-3-J. This well is hooked into Alta's gathering system, and an allocation meter is on lease. However, the actual Mountain Fuels sales meter is off lease.

18. I hereby certify that the foregoing is true and correct.

SIGNED Travis M. Di Clemente TITLE Regulatory TechnicianDATE 8/4/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 8-15-88BY: R. R. Bays

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



March 6, 1989

State of Utah Natural Resources
Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAR 07 1989

Attention: Mr. John Baza

DIVISION OF
OIL, GAS & MINING

Reference: Notice of Vented Gas
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

In accordance with our conversation this morning, and your temporary approval, please be advised that gas is being vented for more than 24 hours at the following well locations. At your request, average daily production rates are listed for each well.

| | | | | |
|--------------|----------------------------|--------------|-------|--------|
| Alta #5-1-B | 57 BOPD, 109 MCFD, 22 BWPD | 43-047-31776 | 7521E | Sec 5 |
| Alta #5-2-C | 35 BOPD, 15 MCFD, 12 BWPD | 43-047-31843 | 7521E | Sec 5 |
| Fed. #33-3-J | 33 BOPD, 68 MCFD, 29 BWPD | 43-047-31804 | 6521E | Sec 3 |
| Fed. #33-6-F | 49 BOPD, 104 MCFD, 32 BWPD | 43-047-31769 | 6521E | Sec. 3 |
| Fed. #33-7-L | 67 BOPD, 30 MCFD, 34 BWPD | 43-047-31844 | 6521E | Sec. 3 |
| Fed. #33-8-N | 54 BOPD, 74 MCFD, 11 BWPD | 43-047-31787 | 6521E | Sec. 3 |

Phoenix Natural Gas Company, owned and operated by Alta Energy, gathers the gas from each of these locations. The gas is then processed through a central compressor station, owned by Phoenix, before it is sold to Mountain Fuels. Phoenix has advised that the H₂S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Should the venting continue by the end of this week, I will advise.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Regulatory Technician

cc: N. R. Smith
W. J. Ditter



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 27, 1989

Ms. Trisha M. DiClementi
Columbia Gas Development Corporation
5847 San Felipe
P.O. Box 1350
Houston, Texas 77251-1350

Dear Ms. DiClementi:

Re: Approvals of Gas Flaring or Venting

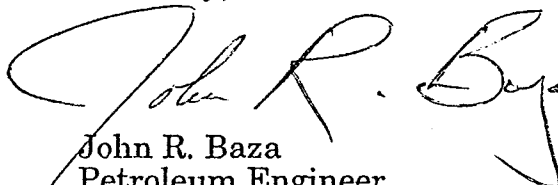
In response to your letter dated March 6, 1989, regarding gas flaring or venting from six wells in Uintah County, Utah, I felt it important to provide you with additional information concerning gas flaring or venting approvals. As of March 17, 1989, the Board of Oil, Gas and Mining adopted certain changes in the Oil and Gas Conservation General Rules. One of the affected rules is entitled Gas Flaring or Venting and has been renumbered as Rule R615-3-20. A copy of the modified rule is attached. The changes in the rule do not affect the verbal approval which I provided during our telephone conversation of March 6, 1989, and I believe the new rule will allow the flexibility to produce your wells as necessary during future emergency disruptions in the gas transmission system.

The significant changes in the rule on gas flaring and venting are firstly, that the operator of a well may now vent or flare up to 1800 Mcf of gas per month without approval and secondly, that operators are allowed specific unavoidable or short-term gas flaring or venting without approval in accordance with R615-3-20-4, 4.1, 4.2, and 4.2. The primary condition of allowing emergency gas flaring or venting is notification to the Division in accordance with Rule R615-3-32, Reporting of Undesirable Events (A copy of this rule is also attached). Therefore, in future cases of disruption in gas transmission, you should continue to perform as you did in this case and provide the Division with telephone notification with follow up written notification.

Page 2
Ms. Trisha DiClementi
March 27, 1989

I hope this adequately explains the requirements for obtaining gas flaring or venting approval. Please contact me again if you have any questions regarding our procedures.

Sincerely,



John R. Baza
Petroleum Engineer

Enclosures
cc: D. R. Nielson
R. J. Firth
Well file
OI2/170-171



March 29, 1989

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAR 30 1989

DIVISION OF
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Notices of Vented Gas
Alta #5-1-B, Alta #5-2-C ✓
Federal #33-3-J, Federal #33-6-F
Federal #33-7-L, Federal #33-8-N
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

Pursuant to my conversation with Mr. Gary Garner of today's date, enclosed please find Sundry Notices reporting vented gas from the above referenced well. The venting has exceeded BLM regulations as stated in NTL-4A, and the Vernal District office has instructed Columbia to submit Sundry Notices reflecting the number of hours and the amount of gas that has been vented for the month-to-date.

As I have mentioned in our previous conversations and correspondence, the gas has been vented due to problems at Phoenix's compressor station, and Columbia is not notified in advance to the venting. However, I will advise you should the venting become excessive again.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Trisha M. DiClementi
Regulatory Technician

TMD
Enclosures

5-1-B 43-047-31776 7 S 21E Sec. 5
5-2-C 43-047-31843 7 S 21E Sec. 5
33-3-J 43-047-31804 6 S 21E Sec. 33
33-6-F 43-047-31769 6 S 21E Sec. 33
33-7-L 43-047-31844 6 S 21E Sec. 33
33-8-N 43-047-31787 6 S 21E Sec. 33

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-28212

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#33-3-J

10. FIELD AND POOL, OR WILDCAT

Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 33, T6S, R21E, SIM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Columbia Gas Development Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1350, Houston, TX 77251-1350

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E, SIM & B

14. PERMIT NO.

43-047-31804

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4931' GR 4946' KB

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Vented Gas

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Phoenix Nat. Gas Co. gathers and processes the gas from the referenced well. Phoenix has advised that the H2S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Columbia is not advised of the venting until after the fact, and to date the amount of venting is as follows:

| Date | Hours | MCF |
|---------|------------|---------|
| 3/01/89 | 8 | 10 |
| 3/06/89 | 24 | 16 |
| 3/12/89 | 24 | 20 |
| 3/21/89 | 24 | 30 |
| 3/23/89 | 24 | 30 |
| 3/25/89 | ? | 20 |
| 3/26/89 | 24 | 30 |
| 3/27/89 | 24 | 28 |
| 3/28/89 | 24 | 20 |
| TOTAL | 176* Hours | 204 MCF |

18. I hereby certify that the foregoing is true and correct

SIGNED

Trish M. A. Clement

TITLE

Regulatory Technician

DATE

3/29/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

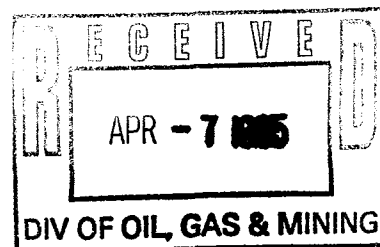
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



April 6, 1995

VIA AIRBORNE EXPRESS



State of Utah Natural Resources
Oil, Gas, & Mining Division
355 W. North Temple, 3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

Attention: Diane Nielson

Reference: **Federal #33-3-J**
Federal #33-6-F
Cowden #31-3-C
Horseshoe Bend Field
Uintah County, Utah

Dear Ms. Nielson:

Please see the following sundry notices containing information on re-completion procedures for the above-referenced wells. We hope to start work on these jobs in late April or the first of May. If these procedures meet with your approval please notify me at the address below.

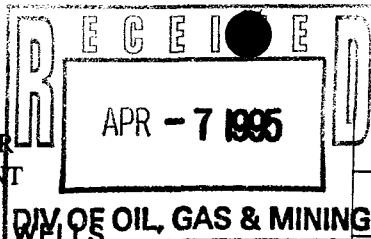
Should you have any questions, or require additional information, please contact me at 713/871-3338, or at the address given below.

Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

Keith Oliver
Regulatory Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Columbia Gas Development Corporation

3. Address and Telephone No.

P.O. Box 1350 Houston, TX 77251-1350

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E SLM&B

5. Lease Designation and Serial No.
U-28212

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal #33-3-J

9. API Well No.

43-047-31804

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah, Co., UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attachment for Details

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed Keith Oliva Title Regulatory Clerk Date 4-6-95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

**Federal 33-3-J
Horseshoe Bend Field
Uintah County, Utah**

Re-completion Procedure:

1. MIRU workover rig. Pull rods pump. POOH w/tubing
2. Set cement retainer at 6,750'. RU cement pumping company and pump 50 sx of neat Class "G" cement. Squeeze well with 35 sx of cement. Sting out of retainer and leave the last 15 sx on top of the retainer. PT casing to 2,000 psi for 15 minutes.
3. Perf 3,577' to 3,584' and 3,566' to 3,570' with 4SPF.
4. RIH w. packer. Set packer at 3,450'. Acidize perforations with 1,100 gallons of nitrified 15% HCl.
5. Swab test well. POOH.
6. Set BP at 3,560'. POOH.
7. Perf the following intervals: 3,549'-3,553'; 3,543'-3,546'; 3,524'-3,530' w/ 4 SPF.
8. RIH w/packer. Set packer at 3,450'. Acidize perforations with 1,300 gallons of nitrified 15% HCl.
9. Swab test well. After testing, set BP at 3,490'.
10. PT casing to 1000 psi. Perf the following intervals: 3,421-3,427'; 3,427'; 3,367'-3,376' w/SPF.
11. RIH w/packer. Set packer at 3,250'. Acidize perforations with 1,500 gallons of nitrified 15% HCl.
12. After testing pull BP. RIH and set packer at 3,250'. Swab well on production.



May 9, 1995

MAY 10 1995

VIA AIRBORNE EXPRESS

State of Utah Natural Resources
Oil, Gas, & Mining Division
355 W. North Temple, 3 Triad Center, Ste. 350
Salt Lake City, Utah 84180-1203

Attention: Diane Nielson

Reference: Federal #33-3-J
Federal #33-6-F
Cowden #31-3-C
Horseshoe Bend Field
Uintah County, Utah

Dear Ms. Nielson:

Please see the following sundry notices containing information on recompletion procedures for the above-referenced wells. There have been a few small changes in the recompletion procedures. Please look over them and contact me at the address below. Copies have already been sent to the BLM in Vernal. We hope to start work on these jobs after we receive your approval.

Should you have any questions, or require additional information, please contact me at 713/871-3338, or at the address given below.

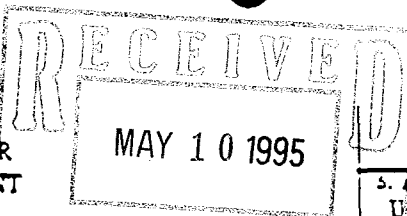
Sincerely,

COLUMBIA GAS DEVELOPMENT CORPORATION

A handwritten signature in cursive script that reads "Keith Oliver".

Keith Oliver
Regulatory Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1044-0135
Exempt: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-28212

6. If SMALL, Address of Trade Name
NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal #33-3-J

9. API Well No.

43-047-31804

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State

Uintah, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Columbia Gas Development Corporation

3. Address and Telephone No.

P.O. Box 1350 Houston, TX 77251-1350

4. Location of Well (Footage, Sec., T., R., N., or Survey Description)

NW SE, 2116' FSL & 2068' FEL, Sec. 33, T6S, R21E SLM&B

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging back
☐ Casing Repair
☐ Altering Casing
☐ Other: _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Keepon results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See Attachment for Details

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct:

Signed

Keith Olsen

Title

Regulatory Clerk

Date

5-9-95

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Federal 33-3-J

Horseshoe Bend Field
Uintah County, Utah

Revised Prognosis

1. MIRU workover rig. Pull rods and pump. Kill well with FSW. NU BOP's. Unseat tubing anchor and POOH w/ tubing.
2. RIH w/ cast iron bridge plug on tubing. Set cast iron bridge plug at 6,800'. PT casing to 500 psi. RU cement pumping company and pump 35 sx of neat Class "G" cement with 5 BBL FW spacers on both sides of the slurry. Spot the slurry on top of the bridge plug. PU 200'. Reverse circulate tubing clean with 2% KCL water. POOH. PT casing to 2,000 psi for 15 minutes. *Note: This abandonment technique will allow for later recompletion back to the Green River in the event of a future water flood project or permanent abandonment of the Green River if the water flood does not come to fruition.*
3. RU wireline company. RU and test lubricator. Perforate 3,577' - 3,584' and 3,566' - 3,570' with 4 SPF. RD wireline company.
4. RIH w/ packer. Hydro test tubing to 5,000 psi going in hole. Set packer at 3,450'. ND BOP's. NU tree. PT annulus to 1,000 psi. Acidize perforations with 1,100 gallons of nitrified 15%HCl.
5. Swab test well. After testing, kill well with 2% KCL water. ND tree. NU BOP's. POOH. If lower interval tests wet, RU wireline company and set CIBP at 3,560'. Proceed to step #7.
6. If lower interval is productive, RU wireline company. RIH w/ RBP on wireline. Set RBP at 3,560'. POOH w/ setting tool.
7. PT casing to 1,000 psi. RU wireline unit. RU and test lubricator. Perforate the following intervals: 3,549'-3,553'; 3,543'-3,546'; 3,524'-3,530' w/ 4 SPF. RD wireline company.
8. RIH w/ packer. Set packer at 3,450'. ND BOP's. NU tree. PT annulus to 1,000 psi. Acidize perforations with 1,300 gallons of nitrified 15%HCl.
9. Swab test well.
10. After testing, kill well with 2% KCL water. ND tree. NU BOP's. POOH.
 - A. If a RBP was set, RIH with retrieving tool and unseat RBP. Reset RBP at 3,490'. POOH.
 - B. If there is no RBP in the well and the middle interval tests wet, RU wireline

company and set CIBP at 3,490'. POOH w/ setting tool.

11. PT casing to 1,000 psi. RU wireline unit. RU and test lubricator. Perforate the following intervals: 3,421'-3,427'; 3,367'-3,376' w/ 4 SPF. RD wireline company.
12. RIH w/ packer. Set packer at 3,250'. ND BOP's. NU tree. PT annulus to 1,000 psi. Acidize perforations with 1,500 gallons of nitrified 15%HCl.
13. Swab test well.
14. After testing, If a RBP was set, kill well with 2% KCL water. ND tree. NU BOP's. POOH. RIH with retrieving tool and pull RBP. RIH and set packer at 3,250'. ND BOP's. NU tree. Swab well on production.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SONJA ROLFES
COLUMBIA GAS DEVELOPMENT
PO BOX 1350
HOUSTON TX 77251

UTAH ACCOUNT NUMBER: N5035REPORT PERIOD (MONTH/YEAR): 6 / 96AMENDED REPORT ☐ (Highlight Changes)

| Well Name | | | | | | Producing Zone | Well Status | Days Oper | Production Volumes | | |
|-----------------------------|--------|----------|-----|----|--|----------------|-------------|-----------|--------------------|-------------------------------|------------|
| API Number | Entity | Location | | | | | | | OIL(BBL) | GAS(MCF) | WATER(BBL) |
| ✓ GOVT EVELYN CHAMBERS #1 | | | | | | ISMV | | | - 112646.7 | | |
| 4303730572 | 07100 | 31S | 24E | 6 | | | | | | | |
| ✓ GOVT EVELYN CHAMBERS #2 | | | | | | ISMV | | | - 112646.7 | | |
| 4303730612 | 07100 | 31S | 24E | 5 | | | | | | | |
| ✓ FEDERAL 33-8-N | | | | | | GRRV | | | - 1137116 | | |
| 4304731787 | 10760 | 06S | 21E | 33 | | | | | | | |
| ✓ COWDEN 31-3-C | | | | | | GRRV | | | - 1131736 | | |
| 4304731768 | 10761 | 06S | 21E | 31 | | | | | | | |
| ✓ ALTA #5-1-B | | | | | | GRRV | | | - FEE | (Bondok) | |
| 4304731776 | 10771 | 07S | 21E | 5 | | | | | | | |
| ✓ FEDERAL 33-6-F | | | | | | SEWD GRRV | | | - 1128212 | | |
| 4304731769 | 10779 | 06S | 21E | 33 | | | | | | | |
| ✓ FEDERAL 33-3-J | | | | | | NWSE GRRV | | | - 1128212 | | |
| 4304731804 | 10787 | 06S | 21E | 33 | | | | | | | |
| ✓ FEDERAL 33-7-L | | | | | | NWSE GRRV | | | - 1150687 | O.A. KTK60783 | |
| 4304731844 | 10915 | 06S | 21E | 33 | | | | | | | |
| ✓ ALTA 5-2-C | | | | | | GRRV | | | - FEE | (Bondok) | |
| 4304731843 | 10916 | 07S | 21E | 5 | | | | | | | |
| KANE SPRINGS FEDERAL 27-1 | | | | | | CNCR | | | - 1165971 | Kane Springs Unit | |
| 4301931310 | 11180 | 25S | 19E | 27 | | | | | | | |
| KANE SPRINGS FEDERAL 19-1A | | | | | | CNCR | | | - 11KTK53626 | Kane Springs Unit | |
| 4301931324 | 11353 | 26S | 20E | 19 | | | | | | | |
| KANE SPRINGS FEDERAL 28-1 | | | | | | CNCR | | | - 1150678 | 2000 Kane Springs Unit/Non RA | |
| 4301931325 | 11354 | 25S | 19E | 28 | | | | | | | |
| ✓ KANE SPRINGS FEDERAL 10-1 | | | | | | CNCR | | | - 11KTK47858 | Kane Springs Unit | |
| 4301931331 | 11414 | 25S | 18E | 10 | | | | | | | |
| TOTALS | | | | | | | | | | | |

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

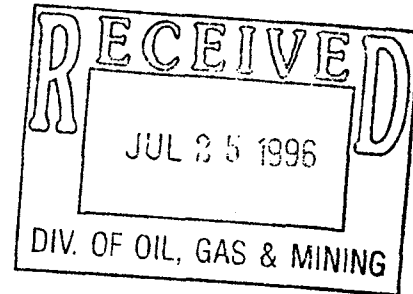
Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3100
U-968 et al
(UT-932)

JUL 23 1996

NOTICE

Aviara Energy Corporation
P.O. Box 1350
Houston, Texas 77251-1350

: Oil and Gas
: U-968 et al
:

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Columbia Gas Development Corporation to Aviara Energy Corporation on Federal oil and gas leases.

For our purposes, the name change is recognized effective May 1, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the bond is required to be changed from Columbia Gas Development Corporation to Aviara Energy Corporation on Bond No. U-391050-16RR (BLM No. CO0356). A rider effecting this change has been submitted to the Colorado State Office of the BLM, which holds this nationwide bond.

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

Enclosure
Exhibit (1 p.)

bc: Lisha Cordova, State of Utah, Division of Oil, Gas and Mining, P.O. Box 145801, Salt Lake City, Utah 84114-5801
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases

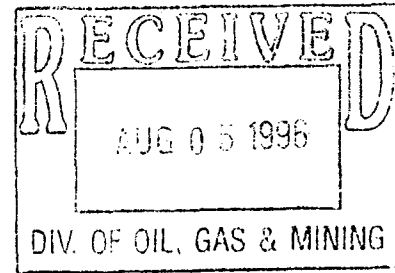
| | | |
|--------------------------------|--------------|-----------|
| U-968 | U-52277 | UTU-65329 |
| U-6911 | U-52641 | UTU-65795 |
| U-15051 | U-53624 | UTU-65971 |
| U-26467 | U-53626 | UTU-65972 |
| U-28212 | U-54037 | UTU-65973 |
| U-31736 | U-55510 | UTU-66020 |
| U-34023 | U-58517 | UTU-66025 |
| U-37116 | U-60530 | UTU-66849 |
| U-46693 | U-61182 | UTU-67132 |
| U-46697 | U-61588 | UTU-67552 |
| U-47858 | U-62181 | UTU-67558 |
| U-49964 | U-62679 | UTU-67854 |
| U-50393 | U-62832 | UTU-68116 |
| U-50678 | U-62833 | UTU-68117 |
| U-50683 | U-62906 | UTU-68118 |
| U-50687 | U-63127 | UTU-68122 |
| U-51239 | U-63128 | UTU-68232 |
| U-51636 | UTU-64538 | UTU-68342 |
| U-51826 | UTU-64927 | UTU-69029 |
| U-60780 (CA) | U-60783 (CA) | UTU-73405 |
| UTU-67755X (Kane Springs Unit) | | |

Aviara Energy Corporation

VIA AIRBORNE EXPRESS

2 August 1996

State of Utah - Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114



**Re: Notification of Name Change from "Columbia Gas Development Corporation" to
"Aviara Energy Corporation".**

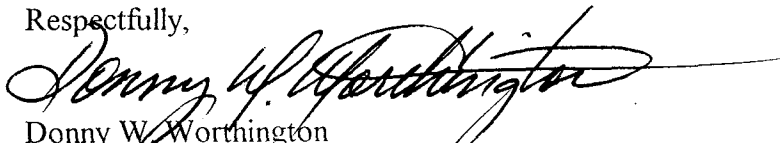
Dear Sirs;

Attached please find documents relating to our company name change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation". I have attached our surety bond rider showing the name change of the principal as well as documents relating to the Corporate name change. These Corporate name change documents contain a Certificate of Corporate Resolution, a Certificate of Amendment of Certificate of Incorporation by the Secretary of State of the State of Delaware evidencing a change of name effective April 30, 1996 from "Columbia Gas Development Corporation" to "Aviara Energy Corporation" and an amended Certificate of Incumbency in accordance with the regulations concerning qualifications of corporations holding Federal leases. I have also attached a list of wells and their locations that will be affected by the name change.

We hereby formally request your acceptance of this rider, and thus, our name change. Please sign the rider and return the appropriate copies to Aviara Energy Corporation (attn: Mr. Dean Roy). Also, please have your office make the necessary changes in your records to reflect this name change at this time.

Should you have questions or require additional information, please feel free to call me at (713) 871-3631. Thank you.

Respectfully,


Donny W. Worthington
Manager, Environmental, Safety & Regulatory

DWW/
attachments:

One Riverway, P.O. Box 1350, Houston, Texas 77251-1350 Telephone (713) 871-3400

UTAH

GRAND COUNTY

KANE SPRINGS FIELD

LOCATION

| | |
|---------------------------------|-------------------|
| Kane Springs Federal #10-1 | 10-25S-18E |
| Kane Springs Federal Unit #16-1 | 16-25S-18E |
| Kane Springs Federal #19-1A | 19-26S-20E |
| Kane Springs Federal #27-1 | 27-25S-19E |
| Kane Springs Federal #34-1 | 34-25S-19E |
| <i>Kane Springs Fed. 28-1</i> | <i>28-25S-19E</i> |
| <i>Kane Springs Fed. 20-1</i> | <i>20-26S-19E</i> |

SAN JUAN COUNTY

LISBON FIELD

Government Evelyn Chambers #1 (T&Ad)
Government Evelyn Chambers #2 (T&Ad)

UINTAH COUNTY

HORSESHOE BEND FIELD

WELL

LOCATION

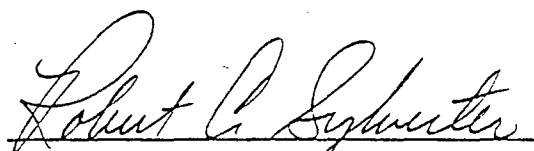
| | |
|----------------|-----------|
| Alta 5-1-B | 5-7S-21E |
| Alta 5-2-C | 5-7S-21E |
| Cowden 31-3-C | 31-6S-21E |
| Federal 33-3-J | 33-6S-21E |
| Federal 33-6-F | 33-6S-21E |
| Federal 33-7-L | 33-6S-21E |
| Federal 33-8-N | 33-6S-21E |

CERTIFICATE

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a corporation organized and existing under the laws of the State of Delaware, do hereby certify that the attached document titled Certificate of Amendment of Certificate of Incorporation is a true and correct copy of the Certificate of Amendment of Certificate of Incorporation filed in the Secretary of State of the State of Delaware's office on April 30, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said Corporation this

5th day of July, 1996.

A handwritten signature in cursive script, reading "Robert C. Sylvester", written over a horizontal line.

Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COLUMBIA GAS DEVELOPMENT CORPORATION", CHANGING ITS NAME FROM "COLUMBIA GAS DEVELOPMENT CORPORATION" TO "AVIARA ENERGY CORPORATION", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 1996, AT 1:15 O'CLOCK P.M.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

7928485

05-01-96

0735923 8100

960125685

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:15 PM 04/30/1996
960124621 - 735923

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
COLUMBIA GAS DEVELOPMENT CORPORATION

Columbia Gas Development Corporation (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Certificate of Incorporation of Columbia Gas Development Corporation is amended by amending Article First thereof to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter called "the Corporation") is Avlara Energy Corporation."

SECOND: That said amendment was duly adopted in accordance with the provisions of §242 of the General Corporation Law of the State of Delaware and has been consented to in writing by the sole stockholder in accordance with §228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Columbia Gas Development Corporation has caused this Certificate to be signed by Larry J. Bainter, its Treasurer this 29th day of April 1996.

Exec. President
[Signature]

COLUMBIA GAS DEVELOPMENT CORPORATION

By: *[Signature]*
Name: Larry J. Bainter

CERTIFICATE

The undersigned hereby certifies that he is Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Corporation"), that on the 19th day of June, 1996 by Unanimous Consent of the Board of Directors of the Corporation in Lieu of Special Meeting, pursuant to Section 141(f) of the Delaware Corporation Law, the following resolutions were adopted, with the same force and effect as though adopted at a Special Meeting of the Board of Directors of the Corporation duly called and held, that such resolutions are now in full force and effect, and that said resolutions have not been amended or rescinded:

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be and each of them is hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all bids for leases from the United States of America, through the Minerals Management Service (Department of Interior), of any tract or tracts owned by the United States of America, located in either onshore or offshore areas, including tracts in the Outer Continental Shelf, as may at any time, and from time to time, heretofore have been offered or hereafter may be offered for lease by the United States of America, all on such terms and conditions as may be specified in any such offer to lease and on such terms and conditions and for such consideration as the aforementioned officers of the corporation, or any one of them, may deem proper and advisable; and to further execute on behalf of the Corporation all agreements and other instruments (including, without limitation, applications, bids, leases, bonds, assignments, relinquishments, prospecting permits, division and transfer orders, guarantees, indemnities, designations of operator, unitization agreements, operating agreements, liquids commingling agreements, general correspondence and any other documents) which may be necessary, useful or expedient at any time in carrying on the business of the Corporation involving any such lease or asset with the United States of America or any agency, bureau or department thereof; and

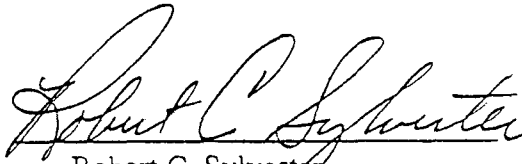
RESOLVED, that, any of such officers is further authorized and empowered to sell, assign, transfer, convey and deliver, in the name and on behalf of the Corporation any or all right, title and interest of any character in any lease or asset now owned or hereafter acquired by the Corporation covering any tract or tracts owned by the United States of America, or obtained or used in connection therewith, wherever located, for such prices and upon such terms and conditions as shall be approved by the Board of Directors; and

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be, and each of them is, hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all agreements and other instruments (including without limitation assignments of mining leases, prospecting permits, letter agreements,

consent forms, applications and approval letters) with the Tribe(s) of the Fort Peck Reservation and the Three Affiliated Tribes of the Fort Berthold Indian Reservation or any agency, bureau or department thereof, or any agency, bureau or department of the United States of America concerning same on such terms and conditions as may be specified and for such consideration as he may deem proper and advisable which may be necessary, useful or expedient at any time in carrying on the business of the Corporation upon the aforementioned Reservations; and

RESOLVED, that, the foregoing resolutions be deemed, and are effective, for all purposes as of April 30, 1996.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the Corporation this 5th day of July, 1996.


Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

STATEMENT OF AVIARA ENERGY CORPORATION

The undersigned, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, being first duly sworn on his oath, states that the following is correct to the best of his knowledge.

1. State of Incorporation. Aviara Energy Corporation is incorporated in the State of Delaware.
2. Authorization to hold oil and gas leases on OCS and other federal lands. Aviara Energy Corporation is authorized to hold oil and gas leases on the Outer Continental Shelf, on other federal lands, including onshore lands, and on tribal lands administered by the Bureau of Indian Affairs or other agency.

Dated this 5th day of July, 1996.

AVIARA ENERGY CORPORATION

By Robert C. Sylvester
Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

SUBSCRIBED AND SWORN TO before me this 5th day of July, 1996.

Carolyn Oliver
Notary Public, State of Texas



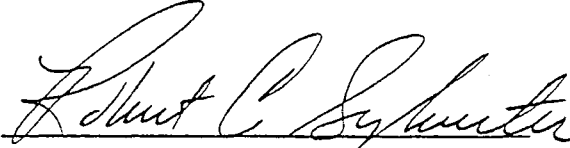
CAROLYN OLIVER
NOTARY PUBLIC, STATE OF TEX.
MY COMMISSION EXPIRES
JULY 19, 1997

CERTIFICATE OF INCUMBENCY

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Company"), do hereby certify that the following named persons now are, and at all times on and subsequent to April 30, 1996, have been duly elected or appointed, qualified and acting officers of the Company holding the offices set after their respective names as follows:

| | |
|---------------------|---------------------------------------|
| Tracy W. Krohn | Chairman and Chief Executive Officer |
| James L. Parker | President and Chief Operating Officer |
| David M. McCubbin | Vice President |
| Gary J. Mabie | Vice President |
| Ken Fagan | Vice President |
| Robert C. Sylvester | Treasurer and Assistant Secretary |
| Ivan Irwin, Jr. | Secretary |
| Jere F. Freel | Assistant Secretary |

IN WITNESS WHEREOF, I have executed this Certificate and affixed the seal of the Company this 3rd day of July, 1996.


Robert C. Sylvester, Assistant Secretary

CORPORATE SEAL

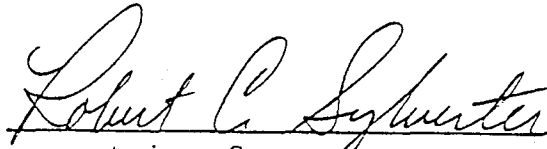
CERTIFICATE

I, Robert C. Sylvester, on behalf of Aviara Energy Corporation, (hereinafter called the "Company"), hereby certify that I am an Assistant Secretary of the Company and that:

The following officers and employees are authorized to execute leases, bids for leases, offers to lease, subleases, permits, licenses, applications therefor, assignments thereof, and requests for approval thereof, and other similar documents and to act on behalf of the Company in such matters.

| <u>Name</u> | <u>Office/Title</u> |
|-------------------|---------------------------------------|
| Tracy W. Krohn | Chairman and Chief Executive Officer |
| James L. Parker | President and Chief Operating Officer |
| Gary J. Mabie | Vice President |
| David M. McCubbin | Vice President |
| Ken Fagan | Vice President |
| Ivan Irwin, Jr. | Secretary |

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of the Company
this 5th day of July, 1996.


Assistant Secretary

CORPORATE SEAL

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

| | |
|-------------|---------|
| Routing | |
| 1-LEC ✓ | 6-LEC ✓ |
| 2-GTH/EYE ✓ | 7-KDR ✓ |
| 3-DTS ✓ | 8-SJ ✓ |
| 4-VLD ✓ | 9-FILE |
| 5-RJF ✓ | |

☒ Change of Operator (~~well sold~~) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name ~~Change Only~~

The operator of the well(s) listed below has changed, effective: 5-1-96

TO: (new operator) AVIARA ENERGY CORPORATION
 (address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5500 (8-6-96)

FROM: (old operator) COLUMBIA GAS DEVELOPMENT
 (address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5035

WELL(S) attach additional page if needed:

***KANE SPRINGS UNIT**
C.A. UTU60783

| | | | | | | |
|-------------------------------|--------------------------|---------------|---------|---------|---------|--------------|
| Name: **SEE ATTACHED** | API: <u>43-047-31804</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- See 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Reg. 7-25-96) (Rec'd 8-5-96)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: 02-081180. (Ltr H. 5-8-96)
- See 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (8-6-96)
- See 6. Cardex file has been updated for each well listed above. (8-6-96)
- See 7. Well file labels have been updated for each well listed above. (8-6-96)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-6-96)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- LC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/H 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- LC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. *Trust Lands/Reid Bond Rider "Columbia to Avicara"; Reid "Rider" 8-5-96; bond no. chgd to 4274145L 80,000 Avicara Energy Corporation, United Pacific Ins.*
2. A copy of this form has been placed in the new and former operator's bond files. ** Upon Compl. of routing.*
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VST 1. All attachments to this form have been microfilmed. Today's date August 21, 1996

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

760725 BLM/SL Appr. CH 5-1-96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SE, 2116' FSL & 2068' FEL
Sec. 33, T6S, R21E

5. Lease Serial No.

U-28212

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No

NA

8. Well Name and No.

Federal #33-3-J

9. API Well No.

43-047-31804

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input checked="" type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Produced water from this well is being disposed of at the following disposal facility:

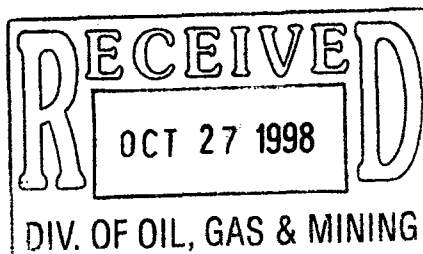
Stirrup State #32-6
NENE Sec. 32, T6S, R21E
Uintah County, Utah

Operated by:
Snyder Oil Corporation

The facility listed below is an alternate disposal facility:

LaPoint Disposal Pit
Sec. 12, T5S, R19E

Operated by:
Dave Murray



Produced water is trucked to the disposal location from the well/storage site.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

08/31/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SE, 2116' FSL & 2068' FEL
Sec. 33, T6S, R21E

5. Lease Serial No.

UTU-28212

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Federal #33-3-J

9. API Well No.

43-047-31804

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
☐ Change Plans ☐ Plug and Abandon ☒ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Request Temporarily Abandon status for this well (uneconomical to produce due to low production) for the next year while evaluating the possible use of wellbore for field water flood project. Pilot water flood is currently underway in this field.

RECEIVED

MAY 01 2000

DIVISION OF
OIL, GAS AND MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

COPY SENT TO OPERATOR

Date: 5-20-00
Initials: CND

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

04/26/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Aviara Energy Corporation

3a. Address
P.O. Box 1350, Houston TX 77251-1350

3b. Phone No. (include area code)
713-871-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SE, 2116' FSL & 2068' FEL
Sec. 33, T6S, R21E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

UTU-28212

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA/Agreement, Name and/or No.

NA

8. Well Name and No.

Federal #33-3-J

9. API Well No.

43-047-31804

10. Field and Pool, or Exploratory Area

Horseshoe Bend

11. County or Parish, State

Utah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Annual |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Status Report |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | 2001 |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Aviara Energy Corp. respectfully requests a one year extension of the approved temporarily abandon status of this well.

The possible use of this wellbore for a field water flood project is under evaluation. A pilot water flood is currently underway in this field. Also, a possible recomple is being evaluated.

THIS SUNDRY IS BEING RETURNED, INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION.

The well has been nonactive or nonproductive for 2.5 years. In accordance with R649-3-36, a sundry notice shall be filed indicating the reasons and length of time for the well shut-in or temporary abandonment and a demonstration of the well's integrity; evidence that the well is not a risk to public health and safety or the environment. Upon receipt of this required information, the Division will either approve the request or require remedial measures to be taken to establish and maintain the wells integrity.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Victoria Guidry

Title

Production/Regulatory Coordinator

Date

3/30/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

5. Lease Designation and Serial Number

UTU-28212

6. Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal #33-3-J

9. API Well Number:

43-047-31804

10. Field and Pool, or Wildcat

Horseshoe Bend

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator

Aviara Energy Corporation

3. Address and Telephone Number.

P.O. Box 1350, Houston TX 77251-1350

4. Location of Well

Footages: **2116' FSL & 2068' FEL**

County: **Uintah**

QQ, Sec., T., R., M.: **NWSE Sec. 33, T6S, R21E**

State: **UT**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other: Extension of T&A Status | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other: Annual Status Report 2001 & Integrity Test | |

Date of work completion **06/01/01**

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Aviara Energy Corp. is re-submitting it's request for extension of the temporarily abandon status of this well until April 1, 2002. (The original request was submitted on 3/30/01).

In accordance with R649-3-36 the results of the well integrity test performed on June 1, 2001 is attached. The well tested 200 joints to fluid level at approximately 6200'.

The possible use of this wellbore for a field water flood project is under evaluation.

A pilot water flood is currently underway in this field.

Also, a possible recompletion is being evaluated.

13. Name & Signature Victoria Guidry Title Production/Regulatory Coordinator Date 07/19/01

(This space for State use only)

**Accepted by the
Utah Division of
Oil, Gas and Mining**

**Federal Approval Of This
Action Is Necessary**

Date: 9/17/01

By: [Signature]

STATEX-4: 4/1/2002

(See Instructions on Reverse Side)

COPY SENT TO OPERATOR

Date: 9-17-01

Initials: [Signature]

AVIARA ENERGY CORPORATION
ONE RIVERWAY, P. O. BOX 1350
HOUSTON, TEXAS 77251-1350

Federal 33-3-J
Integrity Test
6-1-01

AVIARA
ENERGY CORPORATION

One Riverway, Suite 700
Houston, Texas 77056

July 19, 2001

State of Utah
Division of Oil, Gas, and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84116

Attention: Mr. John Baza

Reference: Shut-in/Temporarily Abandoned Wells
Annual Status Update 2001
Re-submitted Request

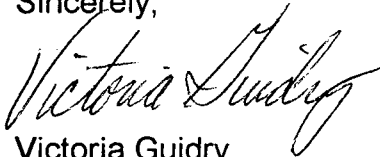
Dear Mr. Baza:

Enclosed please find a Sundry Notice for several inactive wells operated by Aviara Energy Corporation in Utah. A request to extend the shut-in and temporarily abandoned status of these wells for another year was submitted in late March 2001, however they were returned without approval due to insufficient data.

Aviara is re-submitting these Sundry Notices for approval. Well integrity tests have been run which indicate that the wells are not a risk to public health and safety or the environment as specified in R649-3-36.

I apologize for the delay in forwarding this information; I was out of the office when the test results were received from the field personnel. Please contact me at 713-871-3444 if you require further information.

Sincerely,



Victoria Guidry
Production/Regulatory Coordinator

/v/jg

Enclosures

H:\...\docslutah\001

[Handwritten notes and stamps]
JUL 13 2001
DMS
C/L

HUNT PETROLEUM (AEC), INC.

1601 Elm Street, Suite 3400

Dallas, Texas 75201

July 11, 2002

State of Utah
Department of Oil, Gas & Minerals
1594 West N. Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attn: Mr. Jim Hamilton

Re: Travelers Bond No. 103860066

Dear Sir:

This is to advise you that Aviara Energy Corporation has changed its name to Hunt Petroleum (AEC), Inc., effective July 1, 2002. Attached is a Surety Rider to Travelers Bond #103860066 (which replaced CNA Bond No. 159209096) and a copy of the Surety Bond on State of Utah Form 4A currently on file with the State of Utah, Department of Natural Resources.

If you have any questions please give me a call at (214) 880-8916.

Yours very truly,

Mary Melvin

Mary Melvin
Legal Assistant

attachments

cc: Max Gardner (w/enc.)
Donny Worthington (w/enc.)
Gerald Phillips (w/enc.)

Receipt acknowledged this ___ day of July 2002.

STATE OF UTAH, Department of Oil, Gas & Minerals

By: _____

Title: _____

RECEIVED
JUL 15 2002
DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:
3106 (MM)

July 22, 2002

NOTICE

Hunt Petroleum (AEC), Inc. :
1601 Elm Street, Suite 3400 : Oil and Gas
Dallas, TX 75201 :

Name Change Recognized

Acceptable evidence was filed and accepted by this office concerning the name change of Aviara Energy Corporation to Hunt Petroleum (AEC), Inc. with Hunt Petroleum (AEC), Inc. being the surviving entity. For our purposes, the name change was recognized effective July 1, 2002 the date of acceptance by the Secretary of the State of Delaware.

A rider changing the name of the principal on Nationwide bond number 159209244 (BLM Bond CO-1274) previously held by Aviara and issued by Continental Casualty Company, was changed to Hunt Petroleum (AEC), Inc. effective July 12, 2002.

The oil and gas lease files identified on the enclosed Exhibit A, supplied by Hunt Petroleum (AEC), Inc. were updated to reflect the new name. We have not abstracted the lease files to determine if the entities affected by the name change hold an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Mineral Management Services (MMS) and applicable Bureau of Land Management (BLM) Field Offices of the name change by copy of this notice. If our field offices require additional documentation for changes of operator, they will contact you.

If you identify additional leases where the affected parties maintain an interest, please contact this office and we will document the files under our jurisdiction with a copy of this Notice. If the leases are under the jurisdiction of another State Office, we will notify them.

If you have any questions concerning this correspondence, please call Martha Maxwell at (303)239-3768.

Michelle K. Derringer
FOR Beverly Derringer
Chief, Fluid Minerals Adjudication

Exhibit A sent to Eastern SO, New Mexico SO, Montana SO, Utah SO, Wyoming SO &
MMS-MRM, MS357B1, PO Box 5760, Denver, CO 80217
Decision Letter sent to All State Offices via BLM_Fluids_Forum

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|--|--|---|
| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See attachment</u> | | 5. LEASE DESIGNATION AND SERIAL NUMBER: |
| 2. NAME OF OPERATOR: Hunt Petroleum (AEC), Inc. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: 1601 Elm Street, Suite 3400 Dallas, TX 75201 | | 7. UNIT or CA AGREEMENT NAME: |
| PHONE NUMBER: 214-880-8855 | | 8. WELL NAME and NUMBER: |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: | | 9. API NUMBER: |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | | 10. FIELD AND POOL, OR WILDCAT: |
| COUNTY: | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of company from Aviaara Energy Inc. to Hunt Petroleum (AEC), Inc.
effective July 1, 2002.

NAME (PLEASE PRINT) Lisa Augustine TITLE Agent
SIGNATURE Lisa Augustine DATE August 6, 2002

(This space for State use only)

RECEIVED
AUG 07 2002
DIVISION OF
OIL, GAS AND MINING

| api | well_name | section | township | range | ll_status_m |
|------------|-----------------------------|---------|----------|-------|-------------|
| 4301931310 | KANE SPRINGS FED 27-1 | 27 | 250S | 190E | P |
| 4301931324 | KANE SPRINGS FED 19-1A | 19 | 260S | 200E | P |
| 4301931325 | KANE SPRINGS FED 28-1 | 28 | 250S | 190E | S |
| 4301931331 | KANE SPRINGS FED 10-1 | 10 | 250S | 180E | P |
| 4301931332 | KANE SPRINGS FED 20-1 | 20 | 260S | 190E | S |
| 4301931334 | KANE SPRINGS FED 25-19-34-1 | 34 | 250S | 190E | P |
| 4301931363 | CANE CREEK FEDERAL 7-1 | 07 | 250S | 190E | DRL |
| 4301931364 | CANE CREEK FED 11-1 | 11 | 260S | 190E | DRL |
| 4301931365 | CANE CREEK 30-1 | 30 | 260S | 200E | APD |
| 4301931379 | KANE SPRINGS FED 3-1 | 03 | 260S | 190E | APD |
| 4303730572 | GOVT EVELYN CHAMBERS 1 | 06 | 310S | 240E | S |
| 4303730612 | GOVT EVELYN CHAMBERS 2 | 05 | 310S | 240E | S |
| 4304731768 | COWDEN 31-3-C | 31 | 060S | 210E | S |
| 4304731769 | FEDERAL 33-6-F | 33 | 060S | 210E | P |
| 4304731787 | FEDERAL 33-8-N | 33 | 060S | 210E | P |
| 4304731804 | FEDERAL 33-3-J | 33 | 060S | 210E | S |
| 4304731844 | FEDERAL 33-7-L | 33 | 060S | 210E | P |
| 4301931341 | KANE SPRINGS 16-1 | 16 | 250S | 180E | A |
| 4304731776 | ALTA 5-1-B | 05 | 070S | 210E | P |
| 4304731843 | ALTA 5-2-C | 05 | 070S | 210E | P |

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW✓

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **07-01-2002**

| | |
|------------------------------------|------------------------------------|
| FROM: (Old Operator): | TO: (New Operator): |
| AVIARA ENERGY CORPORATION | HUNT PETROLEUM (AEC) INC |
| Address: 1601 ELM STREET, STE 3400 | Address: 1601 ELM STREET, STE 3400 |
| | |
| DALLAS, TX 75201 | DALLAS, TX 75201 |
| Phone: 1-(214)-880-8850 | Phone: 1-(214)-880-8850 |
| Account No. N5500 | Account No. N2180 |

CA NO.

Unit:

| WELL(S) | SEC TWN RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| NAME | | | | | | |
| GOV'T EVELYN CHAMBERS 2 | 05-31S-24E | 43-037-30612 | 7100 | FEDERAL | GW | S |
| GOV'T EVELYN CHAMBERS 1 | 06-31S-24E | 43-037-30572 | 7100 | FEDERAL | GW | S |
| COWDEN 31-3-C | 31-06S-21E | 43-047-31768 | 10761 | FEDERAL | GW | S |
| FEDERAL 33-6-F | 33-06S-21E | 43-047-31769 | 10779 | FEDERAL | OW | P |
| FEDERAL 33-8-N | 33-06S-21E | 43-047-31787 | 10760 | FEDERAL | OW | P |
| FEDERAL 33-3-J | 33-06S-21E | 43-047-31804 | 10787 | FEDERAL | OW | S |
| FEDERAL 33-7-L | 33-06S-21E | 43-047-31844 | 10915 | FEDERAL | OW | S |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 07/15/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/07/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/07/2002
- Is the new operator registered in the State of Utah: YES Business Number: 56883-0143
- If **NO**, the operator was contacted on: N/A
- (R649-9-2) Waste Management Plan received on: IN PLACE
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/01/2002

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 07/01/2002

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 07/08/2002

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/08/2002
 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/08/2002
 3. Bond information entered in RBDMS on: N/A
 4. Fee wells attached to bond in RBDMS on: N/A
-

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A
-

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO-1274
-

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A
-

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
-

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
-

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
SUMMIT OPERATING, LLC

3. ADDRESS OF OPERATOR:
PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068

PHONE NUMBER:
(435) 940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

| WELL NAME | API NUMBER |
|----------------|---------------------|
| FEDERAL 33-3-J | 43-047-31804-00-00- |
| FEDERAL 33-7-L | 43-047-31844-00-00- |
| FEDERAL 33-8-N | 43-047-31787-00-00- |
| COWDEN 31-3-C | 43-047-31768-00-00- |
| ALTA 5-2-C | 43-047-31843-00-00- |
| ALTA 5-1-B | 43-047-31776-00-00- |
| FEDERAL 33-6-F | 43-047-31769-00-00- |

RECEIVED

JAN 28 2003

DIV. OF OIL GAS & MINING

NAME (PLEASE PRINT) David Lillywhite

TITLE Manager

SIGNATURE

DATE

1/24/2003

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|---|--|---|
| 1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | | 5. LEASE DESIGNATION AND SERIAL NUMBER: |
| 2. NAME OF OPERATOR: SUMMIT OPERATING, LLC <i>N2315</i> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068 | | 7. UNIT or CA AGREEMENT NAME: |
| PHONE NUMBER: (435) 940-9001 | | 8. WELL NAME and NUMBER: MULTIPLE |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: UINTAH | | 9. API NUMBER: MULTIPLE |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH | | 10. FIELD AND POOL, OR WILDCAT: HORSESHOE BEND |

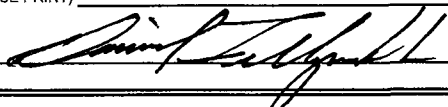
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | |
|--|---|---|---|
| TYPE OF SUBMISSION | TYPE OF ACTION | | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

| WELL NAME | API NUMBER |
|----------------|-----------------------|
| FEDERAL 33-3-J | 43-047-31804-00-00- |
| FEDERAL 33-7-L | 43-047-31844-00-00- ✓ |
| FEDERAL 33-8-N | 43-047-31787-00-00- ✓ |
| COWDEN 31-3-C | 43-047-31768-00-00- |
| ALTA 5-2-C | 43-047-31843-00-00- |
| ALTA 5-1-B | 43-047-31776-00-00- |
| FEDERAL 33-6-F | 43-047-31769-00-00- |

RECEIVED
JAN 28 2003
DIV. OF OIL, GAS & MINING

| | |
|---|-----------------------|
| NAME (PLEASE PRINT) <u>David Lillywhite</u> | TITLE <u>Manager</u> |
| SIGNATURE  | DATE <u>1/24/2003</u> |

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OF CO-AGREEMENT NAME:

8. WELL NAME and NUMBER:

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐GAS WELL ☐OTHER See Attachment

2. NAME OF OPERATOR:

SUMMIT OPERATING, LLC

3. ADDRESS OF OPERATOR:

PO BOX 683909

CITY

Park City

STATE

UT

ZIP

84068

PHONE NUMBER:

435-940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON | |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR | |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE | |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF | |
| | <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ | |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Hunt Petroleum (AEC), Inc. is conveying 100% of its right, title and interest in and to the wells listed on the Attachment. N2180

NEW OPERATOR: SUMMIT OPERATING, LLC

BURN BOND #: UT 8000014

EFFECTIVE DATE: 12/1/02

Name (Please Print) STEVE BROOKSTitle LAND MANAGERSignature Steve BrooksDate 1-27-03NAME (PLEASE PRINT) David LillywhiteTITLE ManagerSIGNATURE David LillywhiteDATE 12/23/02

(This space for State use only)

179.158

October 22, 2002
List of Wells

| <u>Well Name & Number</u> | <u>Location</u> | <u>Well Type</u> | <u>API Number</u> | <u>Well Status</u> |
|-------------------------------|-----------------|------------------|-------------------|--------------------|
| Federal 33-6-F | 06S21E33 | OW | 4304731769 | POW |
| Federal 33-7-L | 06S21E33 | OW | 4304731844 | POW |
| Federal 33-3-J | 06S21E33 | OW | 4304731804 | SOW |
| Federal 33-8-N | 06S21E33 | OW | 4304731787 | POW |
| Cowden 31-3-C | 06S21E31 | GW | 4304731768 | SGW |
| Alta 5-1-B | 07S21E05 | OW | 4304731776 | POW |
| Alta 5-2-C | 07S21E05 | OW | 4304731843 | POW |

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective **12/01/2002****FROM:** (Old Operator):

HUNT PETROLEUM CORPORATION
1601 Elm Street, Suite 3400
Dallas, TX 75201
Phone: 1-(214) 880-8914
Account No. N 2180

TO: (New Operator):

SUMMIT OPERATING, LLC
PO Box 683909
Park City, UT 84068
Phone: 1-(435) 940-9001
Account No. N2315

CA No.

Unit:

WELL(S)

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|----------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| COWDEN 31-3-C | 31 | 060S | 210E | 4304731768 | 10761 | Federal | GW | S |
| FEDERAL 33-6-F | 33 | 060S | 210E | 4304731769 | 10779 | Federal | OW | P |
| FEDERAL 33-8-N | 33 | 060S | 210E | 4304731787 | 10760 | Federal | OW | P |
| FEDERAL 33-3-J | 33 | 060S | 210E | 4304731804 | 10787 | Federal | OW | S |
| FEDERAL 33-7-L | 33 | 060S | 210E | 4304731844 | 10787 | Federal | OW | P |
| | | | | | | | | |
| ALTA 5-1-B | 05 | 070S | 210E | 4304731776 | 10771 | Fee | OW | S |
| ALTA 5-2-C | 05 | 070S | 210E | 4304731843 | 10916 | Fee | OW | P |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/27/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/28/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on 06/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 2036229-0160
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE

- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases BLM 06/09/2003 BIA N/A

8. Federal and Indian Units:The BLM or BIA has approved the successor of unit operator for wells listed on 06/09/2003

9. Federal and Indian Communization Agreements ("CA"):

The BLM or BIA has approved the operator for all wells listed within a CA on: 04/29/2003

10. Underground Injection Control ("The Division has approved UIC Form 5, Transfer of Authority to Inject for the enhanced/secondary recovery unit/project for the water disposal well(s) listed N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/30/2003
 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on 06/30/2003
 3. Bond information entered in RBDMS on: 06/30/2006
 4. Fee wells attached to bond in RBDMS on: 06/30/2003
-

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A
-

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B000014
-

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A
-

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number: ZSB800622
 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
-

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on 06/30/2003
-

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3

UT08300

June 9, 2003

David Lillywhite
Summit Operating, LLC
P. O. Box 683909
Park City, Utah 84068

Re: Well No. Federal 33-3-J
NWSE, Sec. 33, T6S, R21E
Uintah County, Utah
Lease No. U-28212

Dear Mr. Lillywhite:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Summit Operating, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000014, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood
Petroleum Engineer

cc: UDOGM
OXY USA WTP LP

RECEIVED

JUN 11 2003

BLM OFFICE, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

| | | |
|-------------------------|--|--|
| 1. TYPE OF WELL | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ | 5. LEASE DESIGNATION AND SERIAL NUMBER: Various |
| 2. NAME OF OPERATOR: | Summit Operating, LLC | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 3. ADDRESS OF OPERATOR: | PO Box 683909 CITY Park City STATE UT ZIP 84068-3909 | 7. UNIT or CA AGREEMENT NAME: |
| 4. LOCATION OF WELL | FOOTAGES AT SURFACE: | 8. WELL NAME and NUMBER: Various |
| | QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | 9. API NUMBER: Various |
| | COUNTY: Uintah | 10. FIELD AND POOL, OR WILDCAT: Horseshoe Bend |
| | STATE: UTAH | |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input checked="" type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Summit operates the following wells that presently have produced water hauled to Dalbo's Glen Bench Disposal Facility:

Federal 33-3-J: NWSE 33-6S-21E, API #43-047-31804

Federal 33-6-F: SENW 33-6S-21E, API #43-047-31769

Federal 33-7-L: NWSW 33-6S-21E, API #43-047-31844

Federal 33-8-N: SESW 33-6S-21E, API #43-047-31787

State 14-16: SWSW 16-7S-21E, API #43-047-31417

The wells presently produced a combined amount of 25 BWPD. All wells produce from the Green River formation and water analyses are attached.

Newfield Production Company (successor operator to Westport O&G) operates a Green River injection well named Stirrup State 32-6, located in NENE 32-6S-21E, 1/2 to 3 miles from Summit's wells. Newfield has agreed to use our production water as a source for their injection well.

We request permission to dispose of our produced water into Newfield's injection well. This would greatly reduce the time and expense of hauling water and improve the economic viability of our wells. The wells produce and inject into the same formation.

NAME (PLEASE PRINT) Greg Schmidt TITLE Agent for Summit Operating, LLC
SIGNATURE *Greg Schmidt* DATE 10/19/2005

(This space for State use only)

COPY SENT TO OPERATOR
Date: 11-3-05
Initials: CHD

(5/2000)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 10-24-05

By: *[Signature]*

(See Instructions on Reverse Side)

RECEIVED

OCT 21 2005

DIV. OF OIL, GAS & MINING

Water Analysis Report

| | |
|---------------------------|--------------------------|
| Field : Stirrup | Sample Date : 10/13/2005 |
| County : Uintah | Formation : |
| Location : State 14-16 | Rock Type : |
| Lab ID : Summit Energy LL | Depth : |
| Comments : | |

| CATIONS | mg/l | meq/l |
|--------------|-----------------|---------------|
| Potassium | 90.3 | 2.31 |
| Sodium | 9,621.0 | 418.49 |
| Calcium | 240.0 | 11.98 |
| Magnesium | 73.2 | 6.02 |
| Iron | 5.8 | 0.21 |
| Barium | 225.0 | 3.28 |
| Strontium | 0.0 | 0.00 |
| SUM + | 10,255.3 | 442.29 |

| ANIONS | mg/l | meq/l |
|---------------|-----------------|---------------|
| Sulfate | 100.0 | 2.08 |
| Chloride | 15,110.0 | 426.20 |
| Carbonate | 60.0 | 2.00 |
| Bicarbonate | 732.0 | 12.00 |
| Bromide | 0.0 | 0.00 |
| Organic Acids | 0.0 | 0.00 |
| Hydroxide | 0.0 | 0.00 |
| SUM - | 16,002.0 | 442.28 |

Solids

| | |
|---|-------------|
| Total Dissolved Solids @180°C | 25,780 mg/l |
| Total Solids, Calc less CO ₂ | 25,782 mg/l |
| Total Solids, Calculated | 26,257 mg/l |
| Total Solids, NaCl equivalents | 25,316 mg/l |
| Chloride as NaCl | 24,458 mg/l |
| NaCl% of Total Dissolved Solids | 94.86 % |
| Accuracy | 0.00 Sigma |

Sample Conditions

| | |
|----------------------------------|-----------|
| pH, s.u. (Field) | 8.30 s.u. |
| Sample Pressure | 6.00 psia |
| Mole% CO ₂ , Gas | 0.60 % |
| pH, s.u. (from CO ₂) | 8.26 s.u. |
| Surface Temp | 60 °F |
| Downhole Temp | 140 °F |
| Ionic Strength | 0.467 μ |

Dissolved Gases

| | |
|------------------------------------|----------|
| Bisulfide ion, HS ⁻ | 2.8 mg/l |
| Hydrogen Sulfide, H ₂ S | 0.2 mg/l |
| Total Sulfide | 3.0 mg/l |

| | |
|---------------------------------|----------|
| Dissolved O ₂ , aq | 0.0 ppb |
| Measured CO ₂ , aq | 0.0 mg/l |
| Calculated CO ₂ , aq | 3.7 mg/l |

Other Properties

| | |
|---|---------------------|
| Calcium Hardness as CaCO ₃ | 599.2 mg/l |
| Magnesium Hardness as CaCO ₃ | 301.8 mg/l |
| Total Hardness as CaCO ₃ | 901.0 mg/l |
| Hardness, grains | 52.47 grains/gallon |

| | |
|-------------------|------------------|
| Specific Gravity | 1.018 measured |
| Specific Gravity | 1.018 calculated |
| Resistivity, 68°F | 0.280 ohm-cm |
| Conductivity 25°C | 35,715 μmhos/cm |

Microbiological

| | |
|------------------|----|
| Sulfate Reducing | nd |
| Aerobic Bacteria | nd |

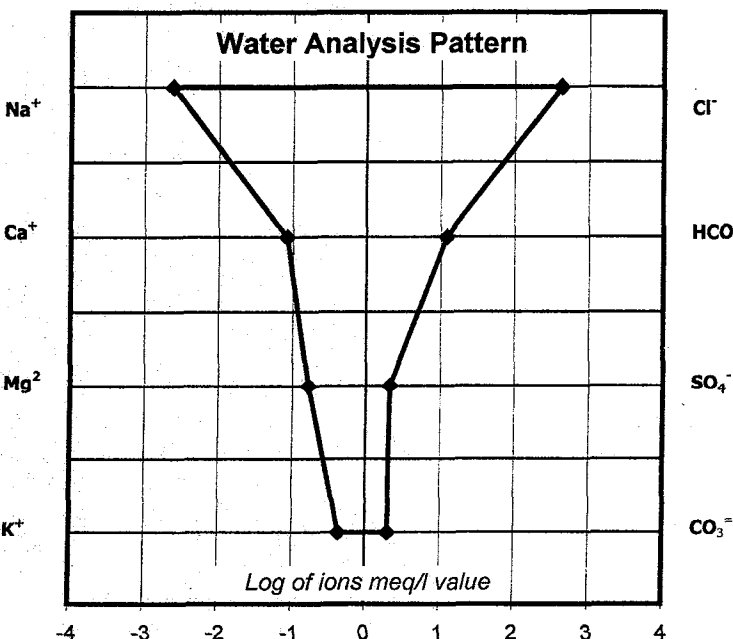
Scaling Conditions

| | |
|-------------------|-------------------------|
| Calcium Carbonate | CaCO ₃ + |
| Calcium Sulfate | CaSO ₄ - - - |
| Barium Sulfate | BaSO ₄ + |
| Strontium Sulfate | SrSO ₄ - |

Probable Mineral Residue, Dry

Calculation error = 0 %

| COMPOUND | mg/l |
|------------------------------------|----------|
| NaCl | 24,457.6 |
| Ca(HCO ₃) ₂ | 956.5 |
| MgCl ₂ | 286.8 |
| BaSO ₄ | 243.0 |
| KCl | 113.0 |
| CaCl ₂ | 9.6 |



Note: nd denotes 'Not Determined'
 Analyzed by: Creg Wilkins
 Approved:
 04/10/00 v940MDCarney

Water Analysis Report

| | |
|----------------------------------|---------------------------------|
| Field : Stirrup | Sample Date : 10/13/2005 |
| County : Uintah | Formation : |
| Location : 33-3-J | Rock Type : |
| Lab ID : Summit Energy LL | Depth : |
| Comments : | |

| CATIONS | mg/l | meq/l |
|----------------|-----------------|---------------|
| Potassium | 87.9 | 2.25 |
| Sodium | 10,004.0 | 435.15 |
| Calcium | 81.3 | 4.06 |
| Magnesium | 23.7 | 1.95 |
| Iron | 0.5 | 0.02 |
| Barium | 125.0 | 1.82 |
| Strontium | 0.0 | 0.00 |
| SUM + | 10,322.4 | 445.25 |

Solids

| | |
|---|-------------|
| Total Dissolved Solids @180°C | 25,875 mg/l |
| Total Solids, Calc less CO ₂ | 25,876 mg/l |
| Total Solids, Calculated | 26,570 mg/l |
| Total Solids, NaCl equivalents | 25,609 mg/l |
| Chloride as NaCl | 24,793 mg/l |
| NaCl% of Total Dissolved Solids | 95.64 % |
| Accuracy | 0.00 Sigma |

Dissolved Gases

| | |
|------------------------------------|----------|
| Bisulfide ion, HS ⁻ | 2.8 mg/l |
| Hydrogen Sulfide, H ₂ S | 0.2 mg/l |
| Total Sulfide | 3.0 mg/l |

Other Properties

| | |
|---|---------------------|
| Calcium Hardness as CaCO ₃ | 203.0 mg/l |
| Magnesium Hardness as CaCO ₃ | 98.0 mg/l |
| Total Hardness as CaCO ₃ | 301.0 mg/l |
| Hardness, grains | 17.53 grains/gallon |

Microbiological

| | |
|------------------|----|
| Sulfate Reducing | nd |
| Aerobic Bacteria | nd |

| ANIONS | mg/l | meq/l |
|---------------|-----------------|---------------|
| Sulfate | 50.0 | 1.04 |
| Chloride | 15,040.0 | 424.22 |
| Carbonate | 60.0 | 2.00 |
| Bicarbonate | 1,098.0 | 18.00 |
| Bromide | 0.0 | 0.00 |
| Organic Acids | 0.0 | 0.00 |
| Hydroxide | 0.0 | 0.00 |
| SUM - | 16,248.0 | 445.26 |

Sample Conditions

| | |
|----------------------------------|-----------|
| pH, s.u. (Field) | 8.30 s.u. |
| Sample Pressure | 6.00 psia |
| Mole% CO ₂ , Gas | 0.80 % |
| pH, s.u. (from CO ₂) | 8.30 s.u. |
| Surface Temp | 60 °F |
| Downhole Temp | 140 °F |
| Ionic Strength | 0.463 μ |

| | |
|---------------------------------|----------|
| Dissolved O ₂ , aq | 0.0 ppb |
| Measured CO ₂ , aq | 0.0 mg/l |
| Calculated CO ₂ , aq | 4.9 mg/l |

| | |
|-------------------|------------------|
| Specific Gravity | 1.018 measured |
| Specific Gravity | 1.018 calculated |
| Resistivity, 68°F | 0.280 ohm-cm |
| Conductivity 25°C | 35,715 μmhos/cm |

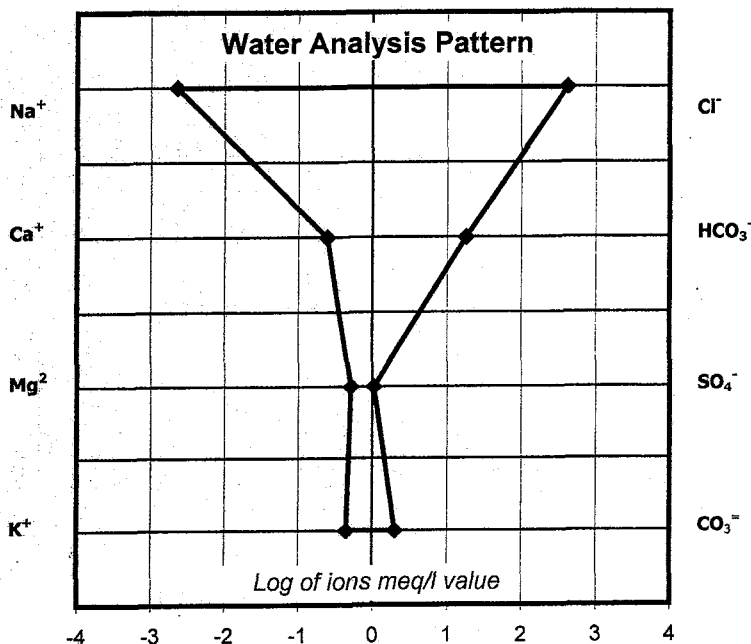
Scaling Conditions

| | |
|-------------------|-------------------------|
| Calcium Carbonate | CaCO ₃ + |
| Calcium Sulfate | CaSO ₄ - - - |
| Barium Sulfate | BaSO ₄ + |
| Strontium Sulfate | SrSO ₄ - |

Probable Mineral Residue, Dry

Calculation error = 0 %

| COMPOUND | mg/l |
|------------------------------------|-------------|
| NaCl | 24,747.6 |
| NaHCO ₃ | 982.5 |
| Ca(HCO ₃) ₂ | 328.8 |
| Mg(HCO ₃) ₂ | 142.7 |
| BaSO ₄ | 121.5 |
| KCl | 57.8 |



Note: nd denotes 'Not Determined'

Analyzed by: Greg Wilkins

Approved:

04/10/00 v940MDCarney

Water Analysis Report

| | |
|----------------------------------|---------------------------------|
| Field : Stirrup | Sample Date : 10/13/2005 |
| County : Uintah | Formation : |
| Location : 33-6-F | Rock Type : |
| Lab ID : Summit Energy LL | Depth : |
| Comments : | |

| CATIONS | mg/l | meq/l |
|----------------|----------------|---------------|
| Potassium | 94.3 | 2.41 |
| Sodium | 9,459.0 | 411.44 |
| Calcium | 84.6 | 4.22 |
| Magnesium | 28.4 | 2.34 |
| Iron | 1.0 | 0.04 |
| Barium | 105.0 | 1.53 |
| Strontium | 0.0 | 0.00 |
| SUM + | 9,772.3 | 421.98 |

| ANIONS | mg/l | meq/l |
|---------------|-----------------|---------------|
| Sulfate | 85.0 | 1.77 |
| Chloride | 14,190.0 | 400.25 |
| Carbonate | 120.0 | 4.00 |
| Bicarbonate | 976.0 | 16.00 |
| Bromide | 0.0 | 0.00 |
| Organic Acids | 0.0 | 0.00 |
| Hydroxide | 0.0 | 0.00 |
| SUM - | 15,371.0 | 422.02 |

Solids

| | |
|---|-------------|
| Total Dissolved Solids @180°C | 24,485 mg/l |
| Total Solids, Calc less CO ₂ | 24,486 mg/l |
| Total Solids, Calculated | 25,143 mg/l |
| Total Solids, NaCl equivalents | 24,254 mg/l |
| Chloride as NaCl | 23,392 mg/l |
| NaCl% of Total Dissolved Solids | 95.53 % |
| Accuracy | 0.01 Sigma |

Sample Conditions

| | |
|----------------------------------|-----------|
| pH, s.u. (Field) | 8.40 s.u. |
| Sample Pressure | 6.00 psia |
| Mole% CO ₂ , Gas | 0.60 % |
| pH, s.u. (from CO ₂) | 8.40 s.u. |
| Surface Temp | 60 °F |
| Downhole Temp | 140 °F |
| Ionic Strength | 0.440 μ |

Dissolved Gases

| | |
|------------------------------------|----------|
| Bisulfide ion, HS ⁻ | 4.8 mg/l |
| Hydrogen Sulfide, H ₂ S | 0.2 mg/l |
| Total Sulfide | 5.0 mg/l |

| | |
|---------------------------------|----------|
| Dissolved O ₂ , aq | 0.0 ppb |
| Measured CO ₂ , aq | 0.0 mg/l |
| Calculated CO ₂ , aq | 3.7 mg/l |

Other Properties

| | |
|---|---------------------|
| Calcium Hardness as CaCO ₃ | 211.2 mg/l |
| Magnesium Hardness as CaCO ₃ | 116.8 mg/l |
| Total Hardness as CaCO ₃ | 328.0 mg/l |
| Hardness, grains | 19.10 grains/gallon |

| | |
|-------------------|------------------|
| Specific Gravity | 1.017 measured |
| Specific Gravity | 1.017 calculated |
| Resistivity, 68°F | 0.290 ohm-cm |
| Conductivity 25°C | 34,485 μmhos/cm |

Microbiological

| | |
|------------------|----|
| Sulfate Reducing | nd |
| Aerobic Bacteria | nd |

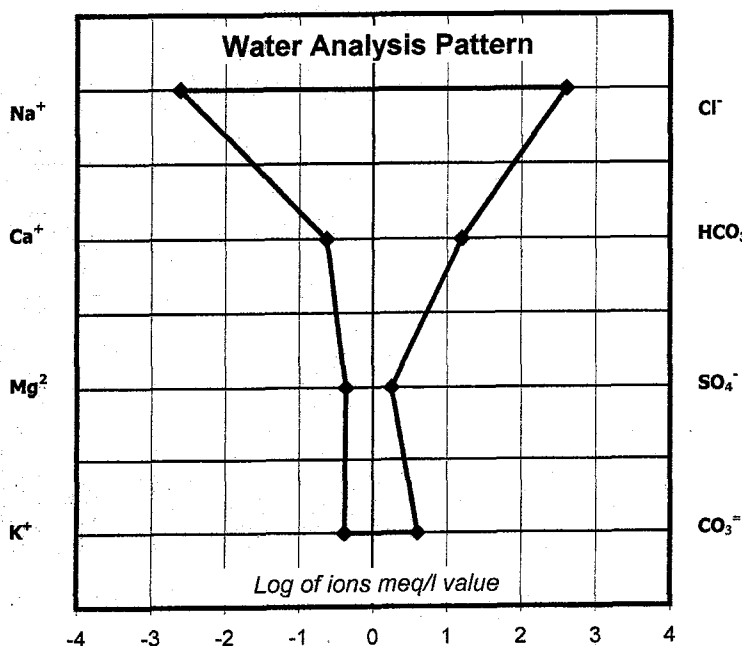
Scaling Conditions

| | |
|-------------------|-------------------------|
| Calcium Carbonate | CaCO ₃ + |
| Calcium Sulfate | CaSO ₄ - - - |
| Barium Sulfate | BaSO ₄ + |
| Strontium Sulfate | SrSO ₄ - |

Probable Mineral Residue, Dry

Calculation error = 0 %

| COMPOUND | mg/l |
|------------------------------------|-------------|
| NaCl | 23,391.7 |
| NaHCO ₃ | 771.0 |
| Ca(HCO ₃) ₂ | 342.1 |
| BaSO ₄ | 178.5 |
| Mg(HCO ₃) ₂ | 171.0 |
| Na ₂ SO ₄ | 17.1 |



Note: nd denotes 'Not Determined'
 Analyzed by: Greg Wilkins
 Approved:
 04/10/00 v940MDCarney

Water Analysis Report

| | |
|----------------------------------|---------------------------------|
| Field : Stirrup | Sample Date : 10/13/2005 |
| County : Uintah | Formation : |
| Location : 33-7-L | Rock Type : |
| Lab ID : Summit Energy LL | Depth : |
| Comments : | |

| CATIONS | mg/l | meq/l |
|----------------|-----------------|---------------|
| Potassium | 59.4 | 1.52 |
| Sodium | 9,650.0 | 419.75 |
| Calcium | 83.9 | 4.19 |
| Magnesium | 29.1 | 2.39 |
| Iron | 1.4 | 0.05 |
| Barium | 200.0 | 2.91 |
| Strontium | 0.0 | 0.00 |
| SUM + | 10,023.8 | 430.81 |

| ANIONS | mg/l | meq/l |
|---------------|-----------------|---------------|
| Sulfate | 975.0 | 20.30 |
| Chloride | 13,810.0 | 389.53 |
| Carbonate | 120.0 | 4.00 |
| Bicarbonate | 1,037.0 | 17.00 |
| Bromide | 0.0 | 0.00 |
| Organic Acids | 0.0 | 0.00 |
| Hydroxide | 0.0 | 0.00 |
| SUM - | 15,942.0 | 430.83 |

Solids

| | |
|---|-------------|
| Total Dissolved Solids @180°C | 25,270 mg/l |
| Total Solids, Calc less CO ₂ | 25,272 mg/l |
| Total Solids, Calculated | 25,966 mg/l |
| Total Solids, NaCl equivalents | 24,532 mg/l |
| Chloride as NaCl | 22,765 mg/l |
| NaCl% of Total Dissolved Solids | 90.08 % |
| Accuracy | 0.00 Sigma |

Sample Conditions

| | |
|----------------------------------|-----------|
| pH, s.u. (Field) | 8.40 s.u. |
| Sample Pressure | 6.00 psia |
| Mole% CO ₂ , Gas | 0.60 % |
| pH, s.u. (from CO ₂) | 8.42 s.u. |
| Surface Temp | 60 °F |
| Downhole Temp | 140 °F |
| Ionic Strength | 0.459 μ |

Dissolved Gases

| | |
|------------------------------------|----------|
| Bisulfide ion, HS ⁻ | 2.9 mg/l |
| Hydrogen Sulfide, H ₂ S | 0.1 mg/l |
| Total Sulfide | 3.0 mg/l |

| | |
|---------------------------------|----------|
| Dissolved O ₂ , aq | 0.0 ppb |
| Measured CO ₂ , aq | 0.0 mg/l |
| Calculated CO ₂ , aq | 3.7 mg/l |

Other Properties

| | |
|---|---------------------|
| Calcium Hardness as CaCO ₃ | 209.5 mg/l |
| Magnesium Hardness as CaCO ₃ | 119.5 mg/l |
| Total Hardness as CaCO ₃ | 329.0 mg/l |
| Hardness, grains | 19.16 grains/gallon |

| | |
|-------------------|------------------|
| Specific Gravity | 1.018 measured |
| Specific Gravity | 1.018 calculated |
| Resistivity, 68°F | 0.300 ohm-cm |
| Conductivity 25°C | 33,335 μmhos/cm |

Microbiological

| | |
|------------------|----|
| Sulfate Reducing | nd |
| Aerobic Bacteria | nd |

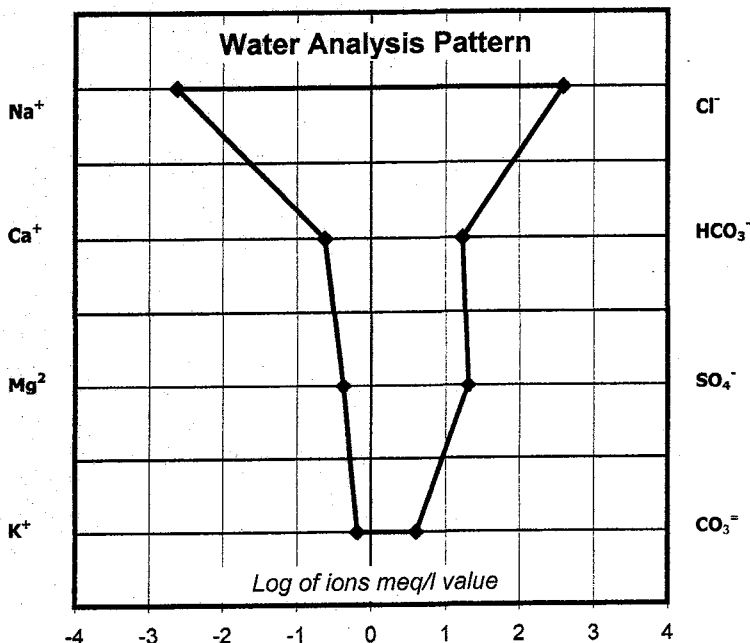
Scaling Conditions

| | |
|-------------------|-------------------------|
| Calcium Carbonate | CaCO ₃ + |
| Calcium Sulfate | CaSO ₄ - - - |
| Barium Sulfate | BaSO ₄ + |
| Strontium Sulfate | SrSO ₄ - |

Probable Mineral Residue, Dry

Calculation error = 0 %

| COMPOUND | mg/l |
|------------------------------------|-------------|
| NaCl | 22,765.3 |
| Na ₂ SO ₄ | 1,234.8 |
| NaHCO ₃ | 851.7 |
| BaSO ₄ | 339.9 |
| Ca(HCO ₃) ₂ | 339.3 |
| Mg(HCO ₃) ₂ | 175.2 |



Note: nd denotes 'Not Determined'

Analyzed by: Creg Wilkins

Approved:

04/10/00 v940MDCarney

Water Analysis Report

| | |
|----------------------------------|---------------------------------|
| Field : Stirrup | Sample Date : 10/13/2005 |
| County : Uintah | Formation : |
| Location : 33-8-N | Rock Type : |
| Lab ID : Summit Energy LL | Depth : |
| Comments : | |

| CATIONS | mg/l | meq/l |
|----------------|-----------------|---------------|
| Potassium | 48.9 | 1.25 |
| Sodium | 10,557.0 | 459.20 |
| Calcium | 160.0 | 7.98 |
| Magnesium | 49.5 | 4.07 |
| Iron | 2.3 | 0.08 |
| Barium | 150.0 | 2.18 |
| Strontium | 0.0 | 0.00 |
| SUM + | 10,967.7 | 474.76 |

| ANIONS | mg/l | meq/l |
|---------------|-----------------|---------------|
| Sulfate | 225.0 | 4.68 |
| Chloride | 16,240.0 | 458.07 |
| Carbonate | 60.0 | 2.00 |
| Bicarbonate | 610.0 | 10.00 |
| Bromide | 0.0 | 0.00 |
| Organic Acids | 0.0 | 0.00 |
| Hydroxide | 0.0 | 0.00 |
| SUM - | 17,135.0 | 474.75 |

Solids

| | |
|---|-------------|
| Total Dissolved Solids @180°C | 27,700 mg/l |
| Total Solids, Calc less CO ₂ | 27,701 mg/l |
| Total Solids, Calculated | 28,103 mg/l |
| Total Solids, NaCl equivalents | 27,350 mg/l |
| Chloride as NaCl | 26,771 mg/l |
| NaCl% of Total Dissolved Solids | 96.64 % |
| Accuracy | 0.00 Sigma |

Sample Conditions

| | |
|----------------------------------|-----------|
| pH, s.u. (Field) | 8.40 s.u. |
| Sample Pressure | 6.00 psia |
| Mole% CO ₂ , Gas | 0.40 % |
| pH, s.u. (from CO ₂) | 8.36 s.u. |
| Surface Temp | 60 °F |
| Downhole Temp | 140 °F |
| Ionic Strength | 0.499 μ |

Dissolved Gases

| | |
|------------------------------------|----------|
| Bisulfide ion, HS ⁻ | 4.8 mg/l |
| Hydrogen Sulfide, H ₂ S | 0.2 mg/l |
| Total Sulfide | 5.0 mg/l |

| | |
|---------------------------------|----------|
| Dissolved O ₂ , aq | 0.0 ppb |
| Measured CO ₂ , aq | 0.0 mg/l |
| Calculated CO ₂ , aq | 2.4 mg/l |

Other Properties

| | |
|---|---------------------|
| Calcium Hardness as CaCO ₃ | 399.5 mg/l |
| Magnesium Hardness as CaCO ₃ | 203.5 mg/l |
| Total Hardness as CaCO ₃ | 603.0 mg/l |
| Hardness, grains | 35.11 grains/gallon |

| | |
|-------------------|------------------|
| Specific Gravity | 1.020 measured |
| Specific Gravity | 1.020 calculated |
| Resistivity, 68°F | 0.260 ohm-cm |
| Conductivity 25°C | 38,460 μmhos/cm |

Microbiological

| | |
|------------------|----|
| Sulfate Reducing | nd |
| Aerobic Bacteria | nd |

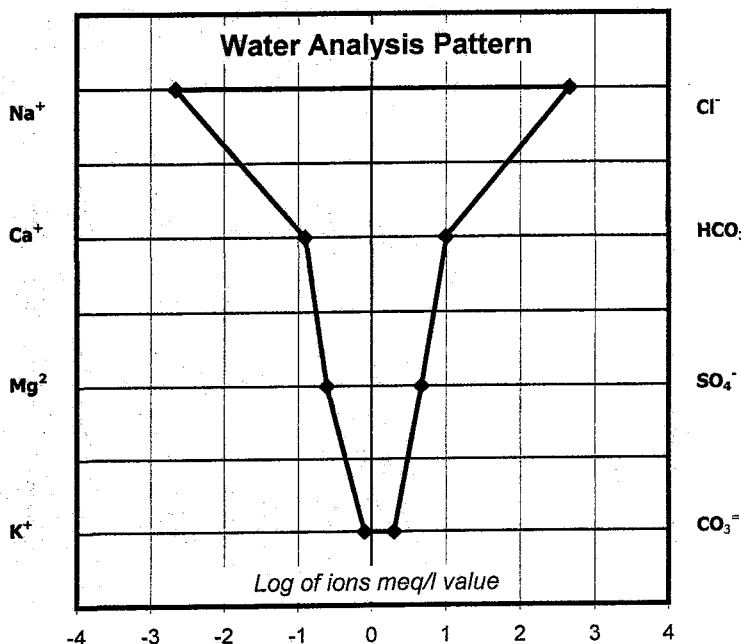
Scaling Conditions

| | |
|-------------------|-------------------------|
| Calcium Carbonate | CaCO ₃ + |
| Calcium Sulfate | CaSO ₄ - - - |
| Barium Sulfate | BaSO ₄ + |
| Strontium Sulfate | SrSO ₄ - |

Probable Mineral Residue, Dry

Calculation error = 0 %

| COMPOUND | mg/l |
|------------------------------------|-------------|
| NaCl | 26,771.1 |
| Ca(HCO ₃) ₂ | 647.0 |
| BaSO ₄ | 254.9 |
| Mg(HCO ₃) ₂ | 135.5 |
| MgSO ₄ | 133.7 |
| Na ₂ SO ₄ | 19.8 |



Note: nd denotes 'Not Determined'

Analyzed by: Creg Wilkins

Approved:

04/10/00 v940MDCarney

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/1/2013

FROM: (Old Operator):

N2315-SUMMIT OPERATING, LLC
 1245 BRICKYARD RD STE 210
 SALT LAKE CITY UT 84106

Phone: 1 (435) 940-9001

TO: (New Operator):

N3460-FINLEY RESOURCES INC
 1308 LAKE ST
 FORT WORTH TX 76102

Phone: 1 (817) 231-8735

| CA No. | | | Unit: | N/A | | | | |
|----------------|-----|------|-------|------------|-----------|------------|-----------|-------------|
| WELL NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
| FEDERAL 33-6-F | 33 | 060S | 210E | 4304731769 | 10779 | Federal | OW | P |
| FEDERAL 33-8-N | 33 | 060S | 210E | 4304731787 | 10760 | Federal | OW | P |
| FEDERAL 33-3-J | 33 | 060S | 210E | 4304731804 | 10787 | Federal | OW | P |
| FEDERAL 33-7-L | 33 | 060S | 210E | 4304731844 | 10915 | Federal | OW | P |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/12/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/12/20103
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/14/2013
- a. Is the new operator registered in the State of Utah: Business Number: 7409151-0143
- a. (R649-9-2) Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 11/14/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 11/14/2103
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/14/2013
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0011262
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Finley Resources, Inc

3. ADDRESS OF OPERATOR:
1308 Lake Street CITY Fort Worth STATE TX ZIP 76102

PHONE NUMBER:
(817) 231-8735

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____

COUNTY: _____

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____

STATE: _____

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 11/1/2013 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input checked="" type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLARE |
| <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____ | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/RESUME) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> OTHER: _____ |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that the attached referenced wells will transfer from Summit Operating, LLC to Finley Resources Inc. The effective date will be November 1, 2013.

Finley Resources Inc.
1308 Lake Street
Fort Worth, TX 76102

Utah Bond Number: RLB0011264
BLM Bond Number: RLB0011262

Summit Operating, LLC
1245 Brickyard Road, Ste 210
Salt Lake City, UT 84106

Signature: _____

[Handwritten Signature]

RECEIVED

NOV 12 2013

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) April Wilkerson

TITLE Regulatory Analyst

SIGNATURE *[Handwritten Signature]*

DATE _____

(This space for State use only)

APPROVED

NOV 14 2013

DIV. OF OIL, GAS & MINING
[Handwritten Signature]

| Property Name | Location | Field | API | Comm No: |
|---------------|----------------------|----------------|--------------|-----------|
| Federal 33-3J | T6S-21E, Sec 33 NWSE | Horseshoe Bend | 43-047-31804 | |
| Federal 33-6F | T6S-21E, Sec 33 SENW | Horseshoe Bend | 43-047-31769 | |
| Federal 33-8N | T6S-21E, Sec 33 SESW | Horseshoe Bend | 43-047-31787 | UTU 60780 |
| Federal 33-7L | T6S-21E, Sec 33 NWSW | Horseshoe Bend | 43-047-31844 | UTU 60783 |